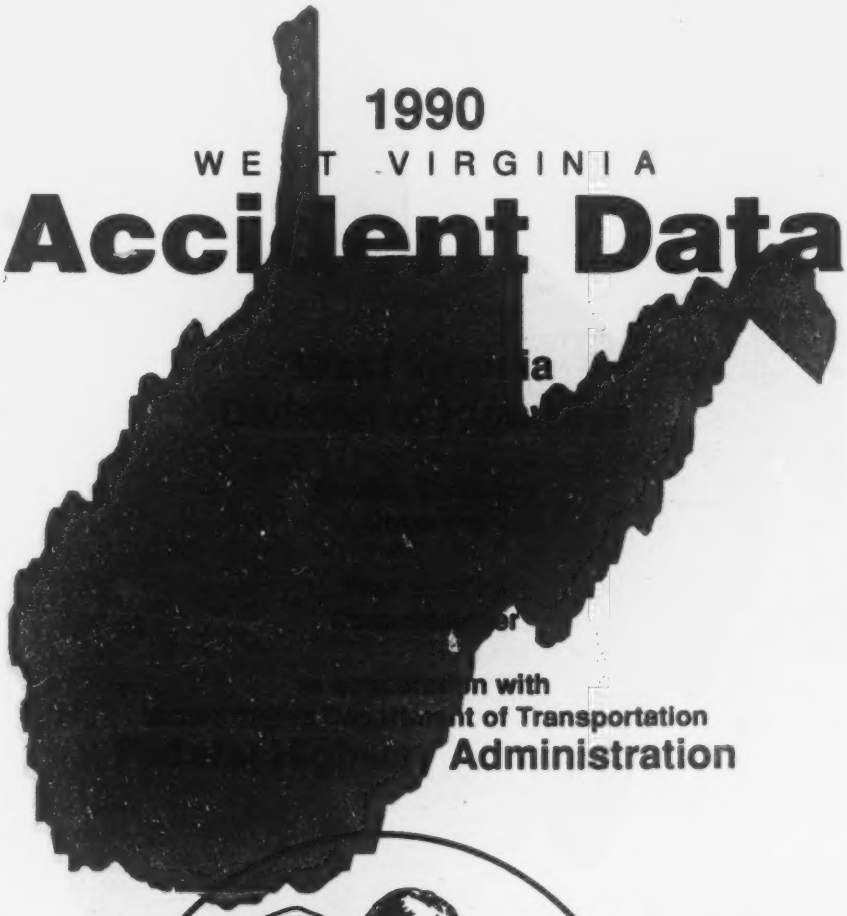
S8645-1-U

1990
WEST VIRGINIA
Accident Data



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
Division Of Highways

GASTON CAPERTON
GOVERNOR

State Capitol Complex • Building Five
Charleston, West Virginia 25305 • 304-348-3505

ARTHUR L. GLEASON, JR.
SECRETARY

FRED VANKIRK
COMMISSIONER
STATE HIGHWAY ENGINEER

April 10, 1991

TO USERS OF HIGHWAY ACCIDENT DATA:

The West Virginia Accident Data 1990 Report providing summarized findings and statistics of highway accidents is for your information and circulation. The information contained herein was prepared by personnel of the West Virginia Division of Highways based on information extracted from accident reports submitted to the West Virginia Department of Motor Vehicles. The tabulations were prepared by our Division using the Traffic Records Information System (TRIS) computer processing of data.

The Division sincerely hopes that publication of this material will be valuable in identifying and evaluating problems associated with highway safety; however, this report is only intended to serve as an information document. It is to be used as a basis for further study and is not to be construed as a listing of priorities or as a program of improvements.

Very truly yours,

Fred VanKirk
Commissioner -
State Highway Engineer

FV:Kb

ACKNOWLEDGEMENT:

The West Virginia Division of Highways wishes to express appreciation to all law enforcement agencies and officers for their work in crash investigation which made this report possible. All information concerning West Virginia traffic crashes was taken from report forms provided by investigating officers and drivers involved in crashes.

COPIES OF THIS REPORT MAY BE OBTAINED FROM:

Traffic Engineering Division
West Virginia Division of Highways
State Capitol Complex, Building 5 Room A550
Charleston, West Virginia 25305

Telephone: (304) 348-3063

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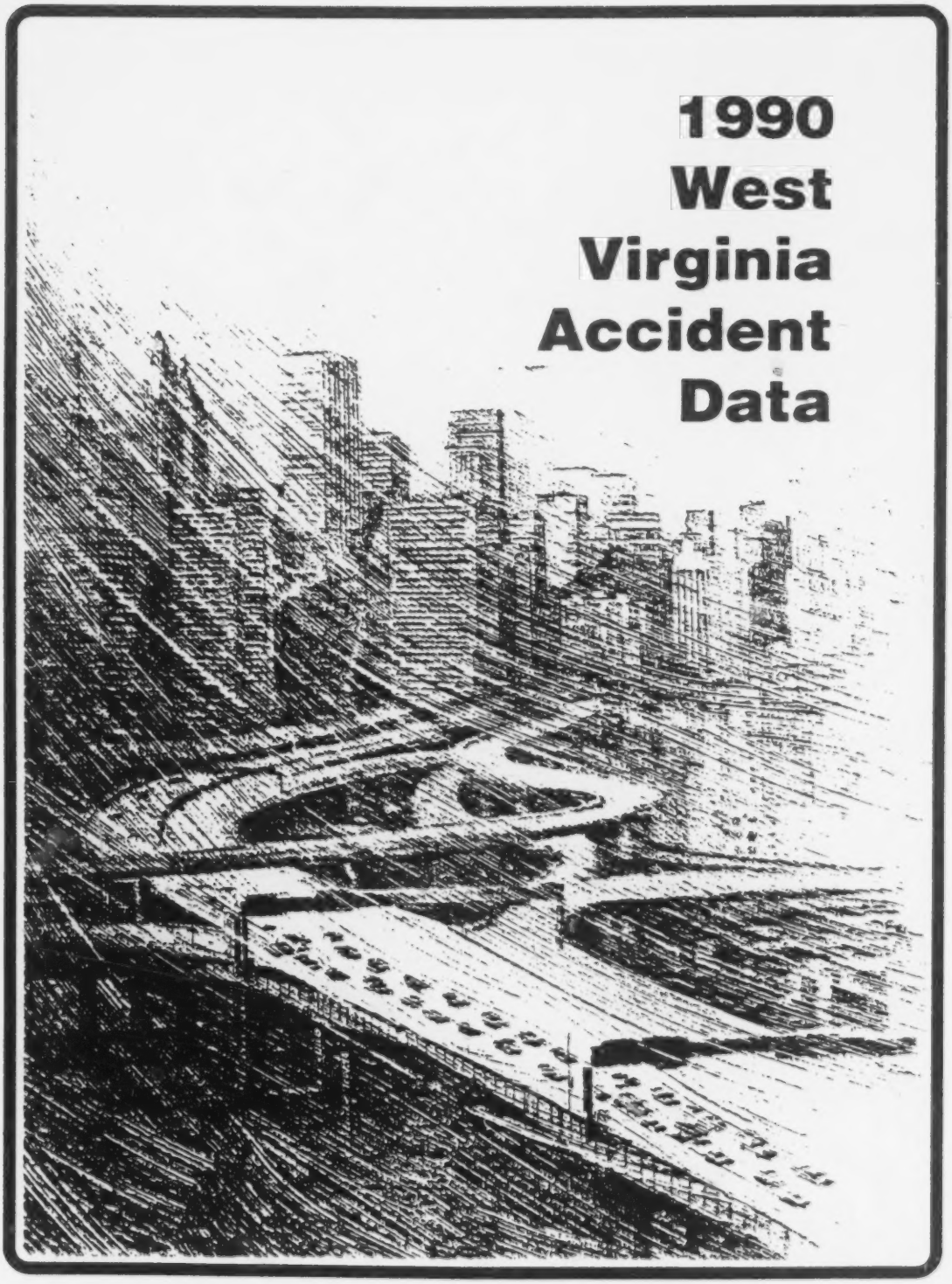
1990 West Virginia Accident Data



1990 WEST VIRGINIA CRASH DATA

GENERAL SUMMARY

In 1990 as a result of Traffic Crashes in West Virginia there were:

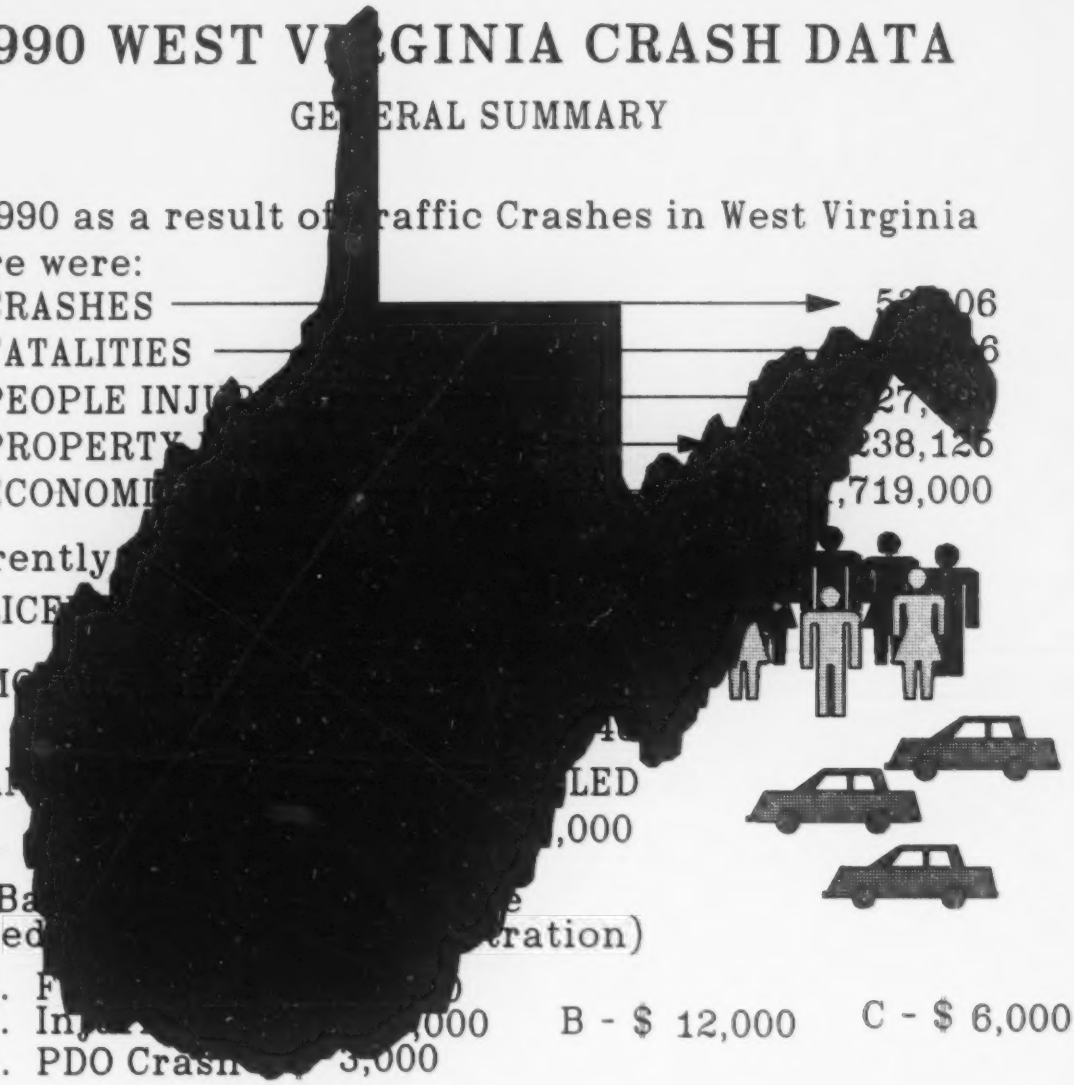
CRASHES —→ 5[illegible]06

FATALITIES —→ [illegible]6

PEOPLE INJU[illegible] 27,[illegible]

PROPERTY [illegible] 238,126

* ECONOMI[illegible] ,719,000



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LICE[illegible]

M[illegible]

A[illegible] LED

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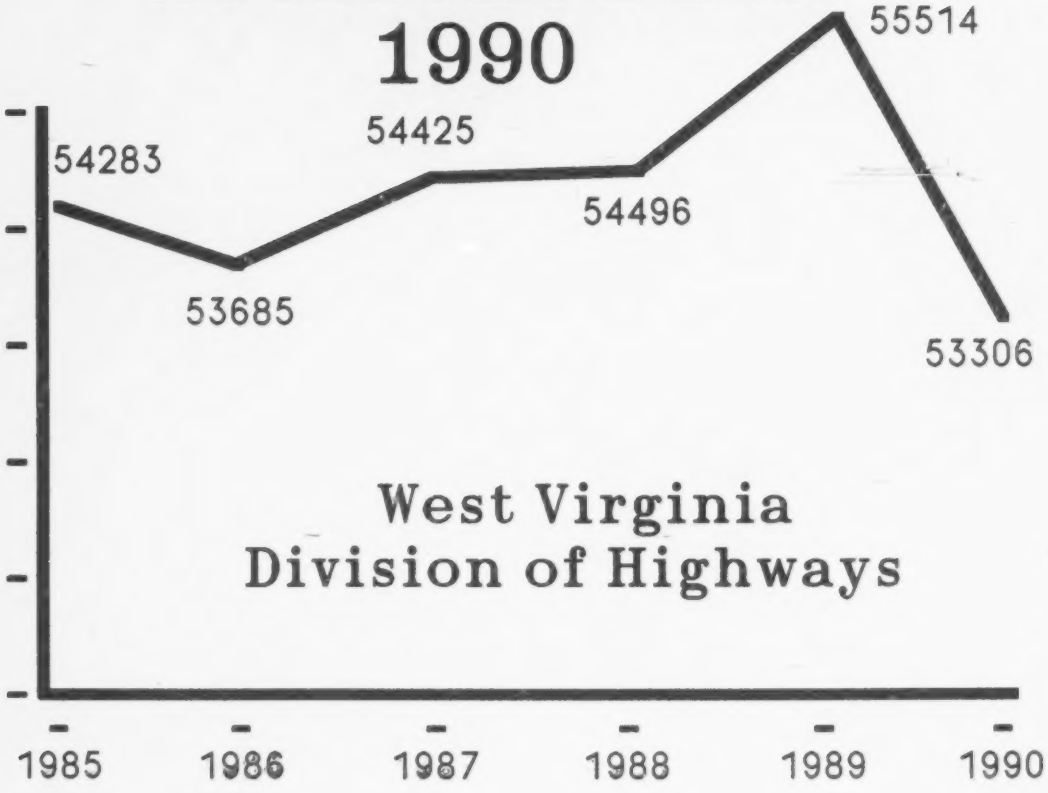
* (Ba[illegible]e
Fed[illegible]ration)

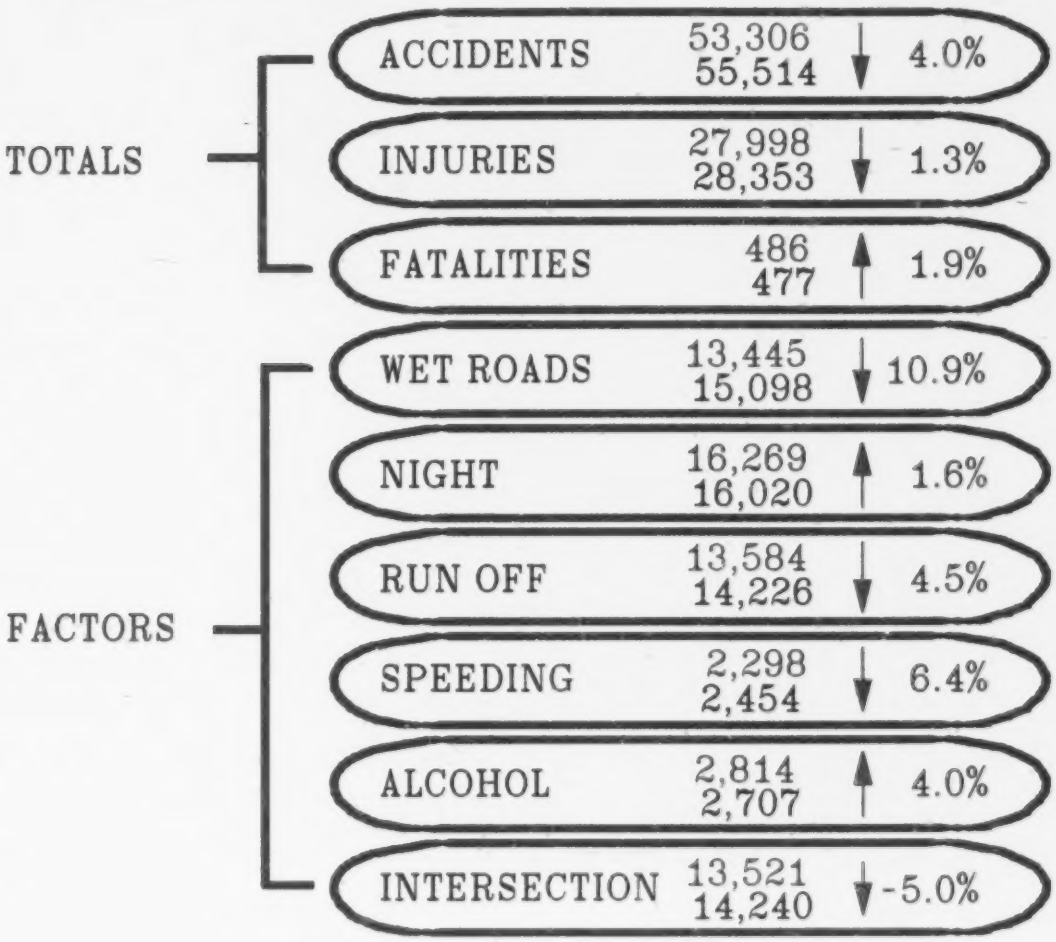
1. F[illegible]0
2. In[illegible],000 B - $ 12,000 C - $ 6,000
3. PDO Crash[illegible] 3,000

West Virginia Accident Data 1990



West Virginia
Division of Highways

1990 WEST VIRGINIA CRASH DATA
1990 SUMMARY



1990 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	PROPERTY DAMAGE ONLY CRASHES	TOTAL ECONOMIC LOSS
BARBOUR	354	103	158	3	3	248	$7,950,000
BERKELEY	2,017	785	1,178	16	25	1,216	$64,827,000
BOONE	604	251	365	4	4	349	$15,303,000
BRAXTON	339	122	189	11	18	206	$32,007,000
BROOKE	897	238	371	5	5	654	$15,948,000
CABELL	5,011	1,275	1,895	12	14	3,724	$66,504,000
CALHOUN	162	63	89	3	4	96	$8,055,000
CLAY	208	92	142	4	4	112	$9,792,000
DODDRIDGE	103	47	71	3	6	53	$10,587,000
FAYETTE	1,108	450	683	9	10	649	$30,159,000
GILMER	150	53	84	3	3	94	$6,654,000
GRANT	287	111	174	10	11	166	$20,421,000
GREENBRIER	909	346	545	6	6	557	$20,991,000
HAMPSHIRE	417	187	292	12	12	218	$24,177,000
HANCOCK	902	327	473	5	6	570	$18,912,000
HARDY	293	122	184	5	6	166	$13,611,000
HARRISON	1,982	596	931	8	9	1,378	$34,290,000
JACKSON	716	228	335	10	11	478	$25,047,000
JEFFERSON	1,216	428	683	8	9	780	$30,267,000
KANAWHA	7,722	2,385	3,644	55	62	5,282	$182,265,000
LEWIS	480	161	260	1	1	318	$7,620,000
LINCOLN	365	164	282	3	3	198	$11,481,000
LOGAN	1,139	476	773	13	17	650	$43,212,000
MCDOWELL	627	258	486	4	4	365	$15,525,000
MARION	1,819	647	1,001	10	12	1,162	$41,196,000
MARSHALL	908	303	469	3	4	602	$17,643,000
MASON	854	258	414	7	8	589	$23,148,000
MERCER	1,848	783	1,237	20	27	1,045	$65,337,000
MINERAL	506	229	357	4	5	273	$16,344,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

1990 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	PROPERTY DAMAGE ONLY CRASHES	TOTAL ECONOMIC LOSS
MINGO	691	290	470	9	9	392	$22,926,000
MONONGALIA	2,595	749	1,164	17	21	1,829	$59,259,000
MONROE	165	75	103	6	6	84	$11,481,000
MORGAN	279	78	144	3	3	198	$8,661,000
NICHOLAS	833	319	508	11	13	503	$32,031,000
OHIO	1,937	520	756	10	10	1,407	$33,078,000
PENDLETON	193	103	173	6	7	84	$14,007,000
PLEASANTS	196	53	78	0	0	133	$1,755,000
POCAHONTAS	264	98	149	1	1	165	$5,394,000
PRESTON	589	249	393	9	9	331	$23,058,000
PUTNAM	1,053	330	506	7	7	716	$21,405,000
RALEIGH	2,290	971	1,558	16	19	1,293	$63,078,000
RANDOLPH	761	247	385	6	7	508	$20,028,000
RITCHIE	139	59	90	5	5	75	$9,939,000
ROANE	398	146	214	4	4	248	$11,238,000
SUMMERS	245	96	152	2	2	147	$7,767,000
TAYLOR	392	155	234	5	6	232	$14,484,000
TUCKER	164	53	83	0	0	111	$2,361,000
TYLER	212	64	92	2	2	146	$5,031,000
UPSHUR	589	193	311	1	1	395	$8,880,000
WAYNE	789	325	499	8	10	456	$27,678,000
WEBSTER	136	70	108	5	5	111	$9,837,000
WETZEL	427	131	199	3	3	293	$8,736,000
WIRT	88	42	66	1	1	45	$3,336,000
WOOD	3,479	1,056	1,512	12	17	2,411	$58,995,000
WYOMING	429	178	286	6	8	245	$18,003,000
	53,306	18,138	27,990	412	486	34,756	$1,381,719,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

1990 WEST VIRGINIA CRASH DATA
SEVERITY FACTOR@ BY COUNTY

COUNTY	TOTAL ECONOMIC LOSS*	POPULATION	TOTAL CRASHES	INJURY CRASHES	TOTAL INJURED	FATAL CRASHES	TOTAL KILLED	PDO CRASHES	SEVERITY FACTOR@ /CRASH	SEVERITY RATE@ /10,000 POP	SEVERITY RATE@ /MMVM
BARBOUR	$7,950,000	15,699	354	103	158	3	3	248	3.42	771	1,085
BERKELEY	$64,827,000	59,253	2,017	785	1,178	16	25	1,216	4.76	1,622	1,550
BOONE	$15,303,000	26,870	604	251	365	4	4	349	5.27	1,184	1,319
BRAXTON	$32,007,000	12,998	339	122	189	11	18	206	5.99	1,561	872
BROOKE	$15,948,000	26,992	897	238	371	5	5	654	3.25	1,080	1,726
CABELL	$66,504,000	96,827	5,011	1,275	1,895	12	14	3,724	3.08	1,595	2,166
CALHOUN	$8,055,000	7,885	162	63	89	3	4	96	4.72	970	1,575
CLAY	$9,792,000	9,983	208	92	142	4	4	112	6.46	1,346	1,526
DODDRIDGE	$10,587,000	6,994	103	47	71	3	6	53	6.30	928	941
FAYETTE	$30,159,000	47,952	1,108	450	683	9	10	649	4.74	1,095	1,055
GILMER	$6,654,000	7,669	150	53	84	3	3	94	5.19	1,014	1,532
GRANT	$20,421,000	10,428	287	111	174	10	11	166	5.32	1,464	1,460
GREENBRIER	$20,991,000	34,693	909	346	545	6	6	557	4.53	1,187	1,144
HAMPSHIRE	$24,177,000	16,498	417	187	292	12	12	218	5.51	1,394	1,402
HANCOCK	$18,912,000	35,233	902	327	473	5	6	570	3.80	972	2,068
HARDY	$12,611,000	10,977	293	122	184	5	6	166	5.66	1,510	1,665
HARRISON	$34,290,000	69,371	1,982	596	931	8	9	1,378	3.59	1,025	1,197
JACKSON	$25,047,000	25,938	716	228	335	10	11	478	4.29	1,183	910
JEFFERSON	$30,267,000	35,926	1,216	428	683	8	9	780	4.74	1,606	2,193
KANAWHA	$182,265,000	207,619	7,722	2,385	3,644	55	62	5,282	4.01	1,493	1,522
LEWIS	$7,620,000	17,223	480	161	260	1	1	318	4.29	1,196	950
LINCOLN	$11,481,000	21,382	365	164	232	3	3	198	6.54	1,116	1,925
LOGAN	$43,212,000	43,032	1,139	476	773	13	17	650	5.48	1,451	2,206
MCDOWELL	$15,525,000	35,233	627	258	486	4	4	365	5.19	924	1,375
MARION	$41,196,000	57,249	1,819	647	1,001	10	12	1,162	4.38	1,393	2,149
MARSHALL	$17,643,000	37,356	908	303	469	3	4	602	4.36	1,060	1,729
MASON	$23,148,000	25,178	854	258	414	7	8	589	4.54	1,539	1,728
MERCER	$65,337,000	64,980	1,848	783	1,237	20	27	1,045	4.77	1,357	1,363

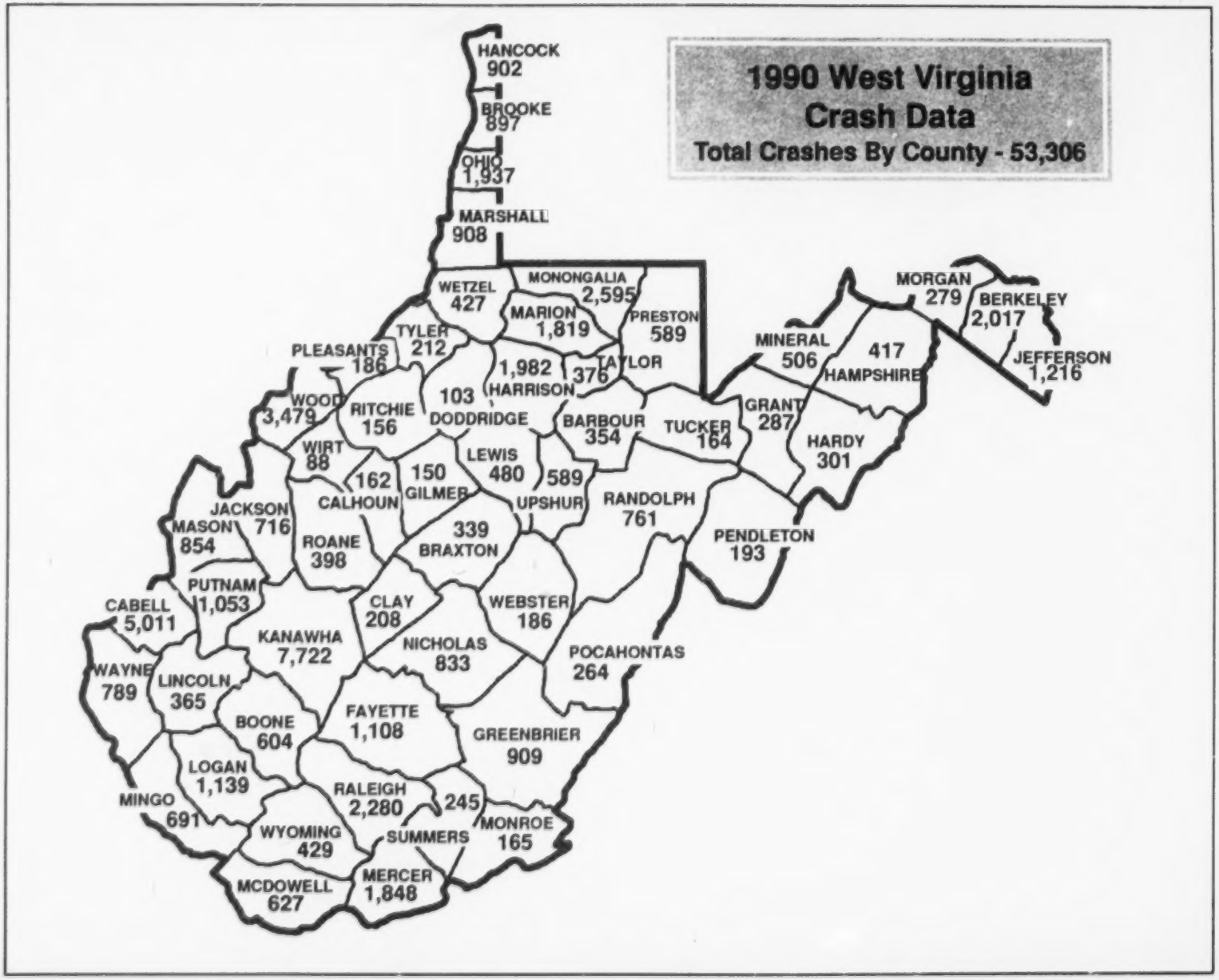
*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000
@(BASED ON VALUES DETERMINED BY TRAFFIC ENGINEERING DIV.)
1.FATALITY-20 2.INJURIES A-13 B-4 C-2 3.PDO ACC-1
POPULATION-1990 CENSUS VMT-1990 STATEWIDE PLANNING

1990 WEST VIRGINIA CRASH DATA
SEVERITY FACTOR# BY COUNTY

COUNTY	TOTAL ECONOMIC LOSS*	POPULATION	TOTAL CRASHES	INJURY CRASHES	TOTAL INJURED	FATAL CRASHES	TOTAL KILLED	PDO CRASHES	SEVERITY FACTOR# /CRASH	SEVERITY RATE# /10,000 POP	SEVERITY RATE# /MMVM
MINERAL	$16,344,000	26,697	506	229	357	4	5	273	6.02	1,142	1,943
MINGO	$22,926,000	33,739	691	298	470	9	9	392	4.81	985	1,306
MONONGALIA	$59,259,000	75,509	2,595	749	1,164	17	21	1,829	3.73	1,281	1,545
MONROE	$11,481,000	12,406	165	75	103	6	6	84	5.74	763	1,265
MORGAN	$8,661,000	12,128	279	78	144	3	3	198	5.19	1,193	1,348
NICHOLAS	$32,031,000	26,775	833	319	508	11	13	503	5.33	1,657	1,512
OHIO	$33,078,000	50,871	1,937	520	756	10	10	1,407	3.21	1,224	1,477
PENDLETON	$14,007,000	8,054	193	103	173	6	7	84	6.78	1,625	1,764
PLEASANTS	$1,755,000	7,546	186	53	78	0	0	133	3.15	775	969
POCAHONTAS	$5,394,000	9,008	264	98	149	1	1	165	4.99	1,463	1,695
PRESTON	$23,058,000	29,037	589	249	393	9	9	331	5.71	1,159	1,452
PUTNAM	$21,405,000	42,835	1,053	330	506	7	7	716	3.58	881	839
RALEIGH	$63,079,000	76,819	2,280	971	1,558	16	19	1,293	5.22	1,550	1,633
RANDOLPH	$20,028,000	27,803	761	247	385	6	7	508	4.36	1,193	1,611
RITCHIE	$9,939,000	10,233	139	59	90	5	5	75	6.57	892	949
ROANE	$11,238,000	15,120	398	146	214	4	4	248	4.59	1,208	1,427
SUMMERS	$7,767,000	14,204	245	96	152	2	3	147	4.69	809	1,077
TAYLOR	$14,484,000	15,144	392	155	234	5	6	232	4.97	1,286	2,229
TUCKER	$2,361,000	7,728	164	53	83	0	0	111	4.80	1,018	1,214
TYLER	$5,031,000	9,796	212	64	92	2	2	146	3.38	732	1,261
UPSHUR	$8,880,000	22,867	589	193	311	1	1	395	4.21	1,085	1,960
WAYNE	$27,678,000	41,636	789	325	499	8	10	456	5.61	1,063	1,398
WEBSTER	$9,837,000	10,729	186	70	108	5	5	111	4.73	819	1,328
WETZEL	$8,736,000	19,258	427	131	199	3	3	293	3.45	764	1,284
WIRT	$3,336,000	5,192	88	42	66	1	1	45	7.18	1,217	1,686
WOOD	$58,995,000	86,915	3,479	1,056	1,512	12	17	2,411	3.31	1,324	1,779
WYOMING	$18,003,000	28,990	429	178	286	6	8	245	5.04	745	1,008
	$1,381,719,000	1,794,477	53,306	18,138	27,998	412	486	34,756			

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

#(BASED ON VALUES DETERMINED BY TRAFFIC ENGINEERING DIV.)
1.FATALITY-20 2.INJURIES A-13 B-4 C-2 3.PDO ACC-1
POPULATION-1990 CENSUS VMT-1990 STATEWIDE PLANNING


1990 West Virginia
Crash Data
Total Crashes By County - 53,306
HANCOCK
902
BROOKE
897
OHIO
1,937
MARSHALL
908
WETZEL
427
MONONGALIA
2,595
MARION
1,819
PRESTON
589
TYLER
212
PLEASANTS
186
WOOD
3,479
RITCHIE
156
103
HARRISON
1,982
376
TAYLOR
DODDRIDGE
BARBOUR
354
TUCKER
164
WIRT
88
LEWIS
480
589
162
150
CALHOUN
GILMER
UPSHUR
RANDOLPH
761
JACKSON
716
MASON
854
339
BRAXTON
ROANE
398
PUTNAM
1,053
CABELL
5,011
CLAY
208
WEBSTER
186
KANAWHA
7,722
NICHOLAS
833
POCAHONTAS
264
WAYNE
789
LINCOLN
365
BOONE
604
FAYETTE
1,108
GREENBRIER
909
LOGAN
1,139
MINGO
691
RALEIGH
2,280
245
WYOMING
429
SUMMERS
MONROE
165
MERCER
1,848
MCDOWELL
627
MORGAN
279
BERKELEY
2,017
JEFFERSON
1,216
MINERAL
506
417
HAMPSHIRE
GRANT
287
HARDY
301
PENDLETON
193

1990 WEST VIRGINIA CRASH DATA

Crash Type	Number	Percent
Rear End	10,378	19.5
Head On	1,968	3.7
Sideswipe - Same Direction	4,487	8.4
Sideswipe - Opposite Direction	3,594	6.7
Access Conflict	10,872	20.4
Run-Off	13,584	25.4
Pedestrian	733	1.4
Animal	1,586	3.0
Parked Vehicle	4,416	8.3
Train	36	0.1
Other	1,652	3.1
TOTAL	53,306	100.0

Vehicle Type	Number	Percent
Automobile	87,432	93.7
Truck	1,886	2.0
Semi	2,262	2.4
Motorcycle	567	0.6
Trailer	25	0.0
Commercial Bus	77	0.1
Equipment	107	0.1
Other	1,041	1.1
TOTAL	93,397	100.0

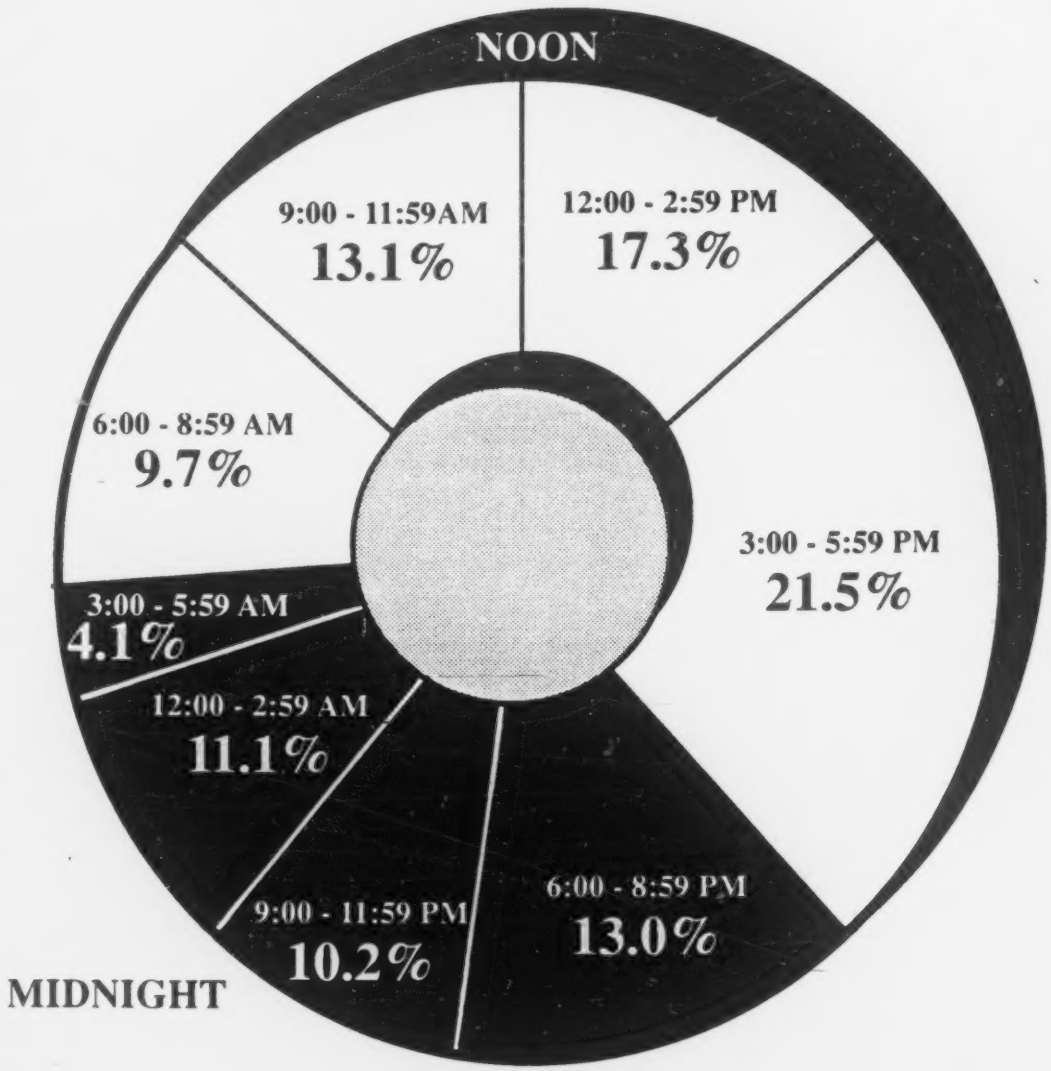
1990 WEST VIRGINIA CRASH DATA

Month of Year	Number	Percent
January	4,586	8.6
February	3,975	7.5
March	4,284	8.0
April	4,243	8.0
May	4,752	8.9
June	4,536	8.5
July	4,584	8.6
August	4,542	8.5
September	4,374	8.2
October	4,901	9.2
November	4,360	8.2
December	4,169	7.8
TOTAL	53,306	100.0

Day of Week	Number	Percent
Sunday	5,840	11.0
Monday	7,578	14.2
Tuesday	7,160	13.4
Wednesday	6,921	13.0
Thursday	7,447	14.0
Friday	9,704	18.2
Saturday	8,656	16.2
TOTAL	53,306	100.0

1990 West Virginia Crash Data

BY TIME OF DAY



1990 TOTAL CRASHES - 53,306

Denotes Hours of Darkness

1990 WEST VIRGINIA CRASH DATA

Contributing Factors	Number	Percent
Exceeding Speed Limit	490	0.5
Exceeding Safe Speed	1,808	1.9
Improper Lane Change	1,486	1.6
Follows Too Close	1,670	1.8
Disregards Traffic Control	1,328	1.4
Didn't Have Right of Way	8,335	8.9
Didn't Have Control	17,224	18.4
Under Minimum Speed	33	0.0
No/Improper Signal	136	0.1
Turning Improperly	836	0.9
Passing Improperly	484	0.5
Parking Improperly	287	0.3
Backing Improperly	1,165	1.2
Avoiding Animal/Vehicle	1,079	1.2
Distraction in Vehicle	127	0.1
Walking Violation	7	0.0
Driver Under Influence	596	0.6
Pedestrian Under Influence	9	0.0
Slippery Pavement	1,055	1.1
Other Road Defects	196	0.2
Previous Accident	35	0.0
Mechanical Defect	554	-0.6
None Noted	54,457	58.3
TOTAL	93,477	100.0

Specific Location	Number	Percent
Intersection	13,521	25.4
Commercial Drive	6,610	12.4
Private Drive	261	0.5
Bridge/Overpass	437	0.8
Underpass	75	0.1
Railroad Crossing	108	0.2
Lane Changes	0	0.0
Other	143	0.3
None Noted	32,151	60.3
TOTAL	53,306	100.0

1990 WEST VIRGINIA CRASH DATA

Fixed Object Struck	Number	Percent
Utility Pole	1,488	2.8
Tree	856	1.6
Guardrail	1,195	2.2
Fence/Walls	1,098	2.1
Median Barrier	95	0.2
Traffic Signs	425	0.8
Embankment	448	0.8
Bridge	219	0.4
Curb	28	0.1
Debris in Road	48	0.1
Mailbox	233	0.4
Fire Hydrant	53	0.1
Traffic Signal	30	0.1
Building	339	0.6
Gas Meter	47	0.1
Other	976	1.8
TOTAL	7,578	14.2

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY AGE AND SEX

TABLE OF AGE BY SEX

AGE SEX

FREQUENCY / PERCENT	FEMALE	MALE	TOTAL
1-14	186	168	354
	1.44	1.30	2.73
15-20	1051	2128	3179
	8.11	16.43	24.54
21 TO 34	1530	3412	4942
	11.81	26.34	38.15
35 TO 44	714	1383	2097
	5.51	10.68	16.19
45 TO 54	348	706	1054
	2.69	5.45	8.14
55 TO 64	232	442	674
	1.79	3.41	5.20
65+	266	389	655
	2.05	3.00	5.06
TOTAL	4327	8628	12955
	33.40	66.60	100.00

FREQUENCY MISSING = 674

1990 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY OBJECTS STRUCK

TABLE OF OBJECT BY INJURY

OBJECT INJURY

FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
POLE	561	381	202	27	949	2120
	4.12	2.80	1.48	0.20	6.97	15.56
TREE	350	266	115	36	453	1220
	2.57	1.95	0.84	0.26	3.32	8.95
GUARDRAIL	450	302	203	38	929	1922
	3.30	2.22	1.49	0.28	6.82	14.11
WALLS	329	239	167	16	1071	1822
	2.41	1.75	1.23	0.12	7.86	13.37
BARRIER	24	26	19	0	67	136
	0.18	0.19	0.14	0.00	0.49	1.00
SIGNS	162	114	99	15	515	905
	1.19	0.84	0.73	0.11	3.78	6.64
EMBANKMENT	146	95	64	13	252	570
	1.07	0.70	0.47	0.10	1.85	4.18
BRIDGE	74	31	32	0	152	289
	0.54	0.23	0.23	0.00	1.12	2.12
CURB	4	2	8	0	39	53
	0.03	0.01	0.06	0.00	0.29	0.39
DEBRIS	3	10	3	1	58	75
	0.02	0.07	0.02	0.01	0.43	0.55
OTHER	366	294	192	16	2496	3364
	2.69	2.16	1.41	0.12	18.32	24.69
MAIL BOX	86	54	36	1	242	419
	0.63	0.40	0.26	0.01	1.78	3.08
HYDRANT	12	11	13	0	57	93
	0.09	0.08	0.10	0.00	0.42	0.68
SIGNAL	6	5	3	1	27	42
	0.04	0.04	0.02	0.01	0.20	0.31
BUILDING	90	71	55	10	302	528
	0.66	0.52	0.40	0.07	2.22	3.88
METER	13	2	2	0	50	67
	0.10	0.01	0.01	0.00	0.37	0.49
TOTAL	2676	1903	1213	174	7659	13625
	19.64	13.97	8.90	1.28	56.21	100.00

FREQUENCY MISSING = 4

1990 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY LIGHT AND HIGHWAY SURFACE

TABLE OF SURFACE BY LIGHT

SURFACE LIGHT

FREQUENCY PERCENT	0	DAYLIGHT	DARK	LIGHTED	DUSK	DAWN	TOTAL
0	63 0.46	84 0.62	70 0.51	12 0.09	7 0.05	1 0.01	237 1.74
DRY	15 0.11	3963 29.08	3552 26.06	762 5.59	212 1.56	161 1.18	8665 63.58
WET	6 0.04	1662 12.19	1612 11.83	296 2.17	116 0.85	71 0.52	3763 27.61
SNOW, ICE	2 0.01	439 3.22	320 2.35	61 0.45	27 0.20	52 0.38	901 6.61
MUDDY	0 0.00	20 0.15	11 0.08	1 0.01	5 0.04	0 0.00	37 0.27
HAZ MATRL	0 0.00	7 0.05	13 0.10	3 0.02	1 0.01	2 0.01	26 0.19
TOTAL	86 0.63	6175 45.31	5578 40.93	1135 8.33	368 2.70	287 2.11	13629 100.00

1990 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME / INJURY FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	508	366	162	44	1329	2409
	3.73	2.69	1.19	0.32	9.75	17.68
3 AM - 6 AM	267	171	90	16	625	1169
	1.96	1.26	0.66	0.12	4.59	8.58
6 AM - 9 AM	211	202	147	14	918	1492
	1.55	1.48	1.08	0.10	6.74	10.95
9 AM - NOON	238	171	130	16	757	1312
	1.75	1.26	0.95	0.12	5.56	9.63
NOON - 3 PM	277	215	129	10	840	1471
	2.03	1.58	0.95	0.07	6.17	10.80
3 PM - 6 PM	356	246	203	22	1080	1907
	2.61	1.81	1.49	0.16	7.93	14.00
6 PM - 9 PM	346	229	167	18	1080	1840
	2.54	1.68	1.23	0.13	7.93	13.50
9 PM - MIDNIGHT	473	303	185	34	1030	2025
	3.47	2.22	1.36	0.25	7.56	14.86
TOTAL	2676	1903	1213	174	7659	13625
	19.64	13.97	8.90	1.28	56.21	100.00

FREQUENCY MISSING = 4

SEATBELT USAGE OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY SEATBELT

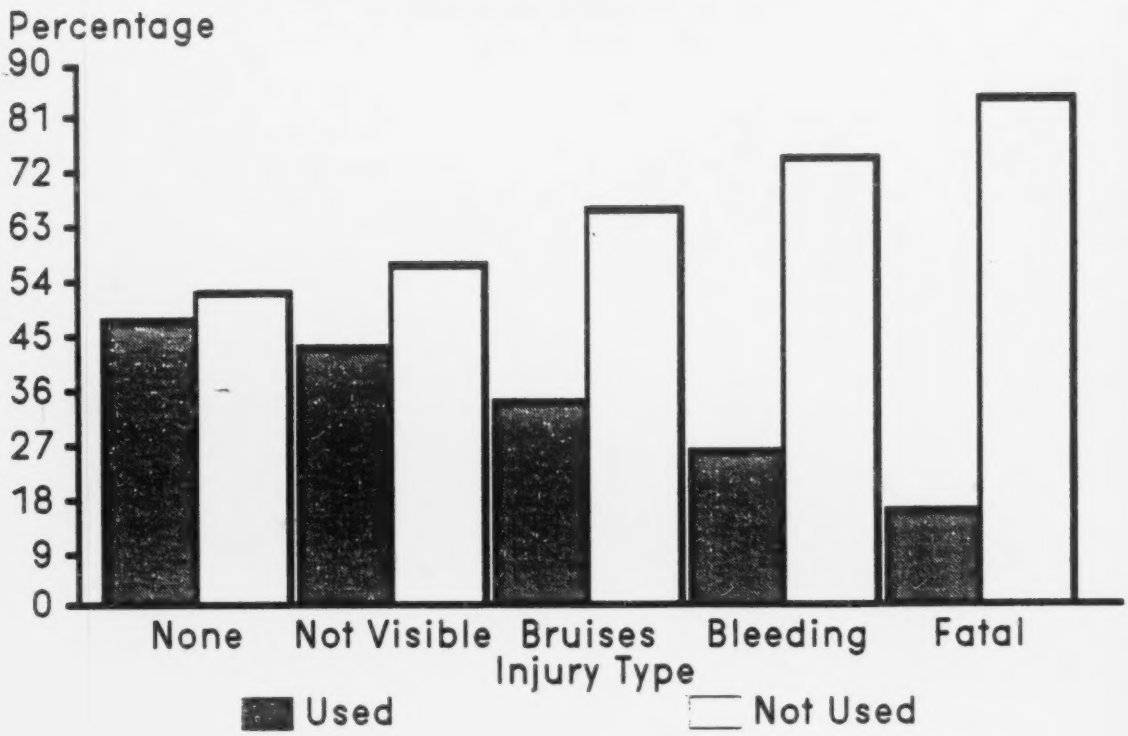
AGE FREQUENCY PERCENT	SEATBELT NO	YES	TOTAL
1 TO 8	518 0.71	504 0.69	1022 1.40
9 TO 14	781 1.07	270 0.37	1051 1.43
15 TO 17	3335 4.55	1890 2.58	5225 7.13
18 TO 20	5911 8.07	3163 4.32	9074 12.39
21 TO 24	5189 7.08	3270 4.46	8459 11.55
25 TO 29	5139 7.02	3874 5.29	9013 12.30
30 TO 34	4569 6.24	3725 5.09	8294 11.32
35 TO 39	3648 4.98	3470 4.74	7118 9.72
40 TO 44	2947 4.02	2833 3.87	5780 7.89
45 TO 49	2019 2.76	2053 2.80	4072 5.56
50 TO 54	1545 2.11	1494 2.04	3039 4.15
55 TO 59	1365 1.86	1327 1.81	2692 3.67
60 TO 64	1355 1.85	1216 1.66	2571 3.51
65 AND OLDER	3205 4.38	2638 3.60	5843 7.98
TOTAL	41526 56.69	31727 43.31	73253 100.00

FREQUENCY MISSING = 23574

1990 WEST VIRGINIA CRASH DATA

Seat Belt Usage	Number	Percent
None Installed	1,702	1.8
Not Used	40,156	41.1
Lap Belt	3,634	3.7
Lap and Shoulder Belt	28,284	29.0
Unknown	23,835	24.4
TOTAL	97,611	100.0

INJURY SEVERITY BY RESTRAINT USE



1990 WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY SEATBELT USAGE

TABLE OF SEATBELT BY INJURY

SEATBELT INJURY

FREQUENCY PERCENT ROW PCT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
NO	6247	4731	5137	294	25466	41875
	8.46	6.41	6.96	0.40	34.51	56.74
	14.92	11.30	12.27	0.70	60.81	
YES	2181	2441	3901	57	23345	31925
	2.96	3.31	5.29	0.08	31.63	43.26
	6.83	7.65	12.22	0.18	73.12	
TOTAL	8428	7172	9038	351	48811	73800
	11.42	9.72	12.25	0.48	66.14	100.00

FREQUENCY MISSING = 23027

SEATBELT USAGE BY HIGHWAY CLASSIFICATION

TABLE OF CLASS BY SEATBELT

CLASS SEATBELT

FREQUENCY PERCENT ROW PCT	NO	YES	TOTAL
INTERSTATE	1423	2594	4017
	1.93	3.51	5.44
	35.42	64.58	
US	11218	9678	20896
	15.20	13.11	28.31
	53.68	46.32	
WV	12515	9035	21550
	16.95	12.24	29.19
	58.07	41.93	
COUNTY	9615	5443	15058
	13.03	7.37	20.40
	63.85	36.15	
CITY	6147	4704	10851
	8.33	6.37	14.70
	56.65	43.35	
OTHER	967	476	1443
	1.31	0.64	1.95
	67.01	32.99	
TOTAL	41885	31930	73815
	56.74	43.26	100.00

FREQUENCY MISSING = 23012

1990 WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY INJURY

AGE / INJURY FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1 TO 8	342 0.37	405 0.44	317 0.35	12 0.01	6 0.01	1082 1.18
9 TO 14	344 0.38	369 0.40	370 0.40	14 0.02	26 0.03	1123 1.23
15 TO 17	905 0.99	826 0.90	707 0.77	27 0.03	3862 4.22	6327 6.92
18 TO 20	1380 1.51	1065 1.16	1060 1.16	47 0.05	7516 8.22	11068 12.10
21 TO 24	1230 1.35	890 0.97	977 1.07	41 0.04	7240 7.92	10378 11.35
25 TO 29	1125 1.23	890 0.97	1035 1.13	60 0.07	7988 8.74	11098 12.14
30 TO 34	933 1.02	654 0.72	1062 1.16	54 0.06	7611 8.32	10314 11.28
35 TO 39	767 0.84	609 0.67	943 1.03	42 0.05	6664 7.29	9025 9.87
40 TO 44	583 0.64	485 0.53	771 0.84	29 0.03	5509 6.02	7377 8.07
45 TO 49	409 0.45	320 0.35	565 0.62	18 0.02	3894 4.26	5206 5.69
50 TO 54	308 0.34	251 0.27	423 0.46	22 0.02	2898 3.17	3902 4.27
55 TO 59	270 0.30	196 0.21	383 0.42	12 0.01	2651 2.90	3512 3.84
60 TO 64	264 0.29	202 0.22	348 0.38	13 0.01	2514 2.75	3341 3.65
65 AND OLDER	743 0.81	479 0.52	713 0.78	52 0.06	5698 6.23	7685 8.40
TOTAL	9603 10.50	7641 8.36	9674 10.58	443 0.48	64077 70.08	91438 100.00

FREQUENCY MISSING = 5389

1990 WEST VIRGINIA CRASH DATA

SEX OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY SEX

AGE SEX

FREQUENCY PERCENT	FEMALE	MALE	TOTAL
1 TO 8	552 0.60	532 0.58	1084 1.19
9 TO 14	599 0.66	524 0.57	1123 1.23
15 TO 17	2654 2.90	3674 4.02	6328 6.92
18 TO 20	4165 4.56	6894 7.54	11059 12.10
21 TO 24	3824 4.18	6549 7.17	10373 11.35
25 TO 29	4255 4.66	6840 7.48	11095 12.14
30 TO 34	4216 4.61	6091 6.66	10307 11.28
35 TO 39	3737 4.09	5280 5.78	9017 9.87
40 TO 44	3025 3.31	4342 4.75	7367 8.06
45 TO 49	2071 2.27	3127 3.42	5198 5.69
50 TO 54	1518 1.66	2383 2.61	3901 4.27
55 TO 59	1370 1.50	2139 2.34	3509 3.84
60 TO 64	1272 1.39	2071 2.27	3343 3.66
65 AND OLDER	2982 3.26	4703 5.15	7685 8.41
TOTAL	36240 39.65	55149 60.35	91389 100.00

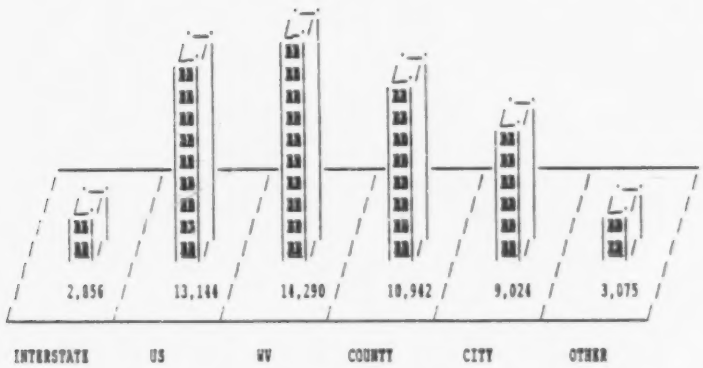
FREQUENCY MISSING = 5438

1990 WEST VIRGINIA CRASH DATA

TOTAL FOR STATE

BY TYPE OF HIGHWAY

BLOCK CHART OF CRASH SUMS



RURAL AREAS
BY TYPE OF HIGHWAY

PERCENTAGE BAR CHART

MIDPOINT CLASS	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	2169	2169	7.38	7.38
US	6885	9054	23.44	30.82
WV	9114	18168	31.02	61.84
COUNTY	9489	27657	32.30	94.15
CITY	0	27657	0.00	94.15
OTHER	1720	29377	5.85	100.00

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32

PERCENTAGE

URBAN AREAS
BY TYPE OF HIGHWAY

PERCENTAGE BAR CHART

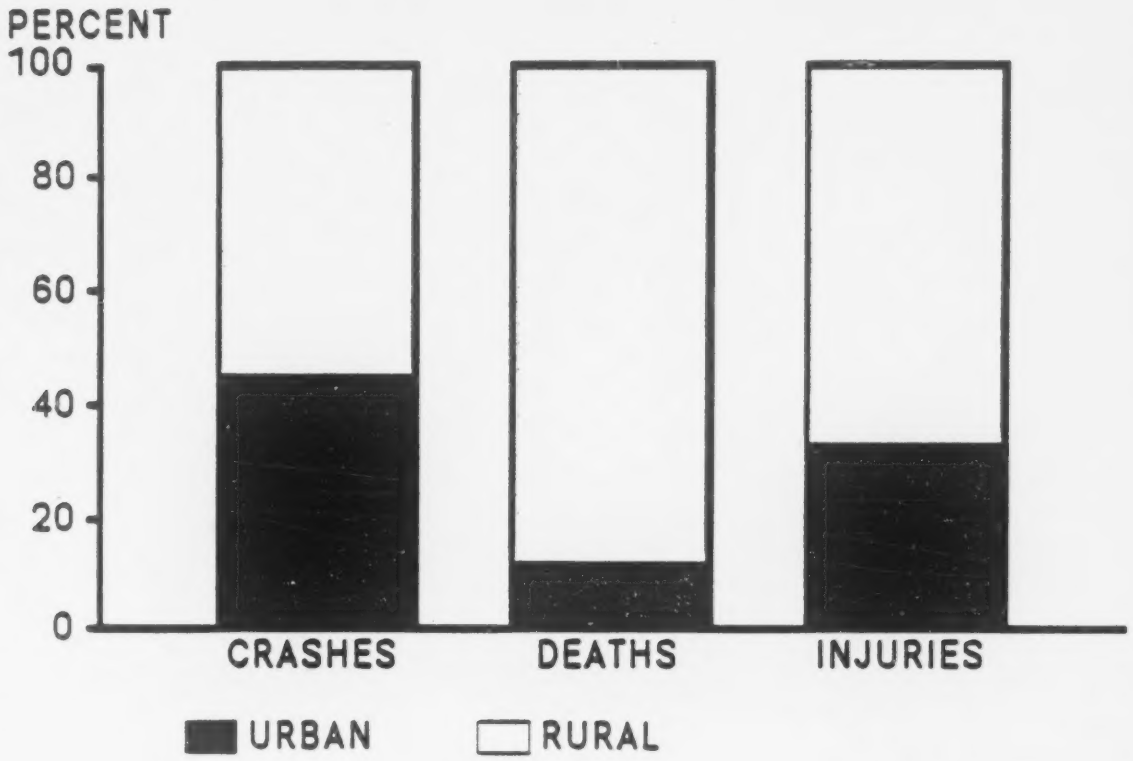
MIDPOINT CLASS	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	687	687	2.87	2.87
US	6259	6946	26.13	29.00
WV	5176	12122	21.61	50.61
COUNTY	1453	13575	6.07	56.67
CITY	9024	22599	37.67	94.34
OTHER	1355	23954	5.66	100.00

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36

PERCENTAGE

1990 WEST VIRGINIA CRASH DATA

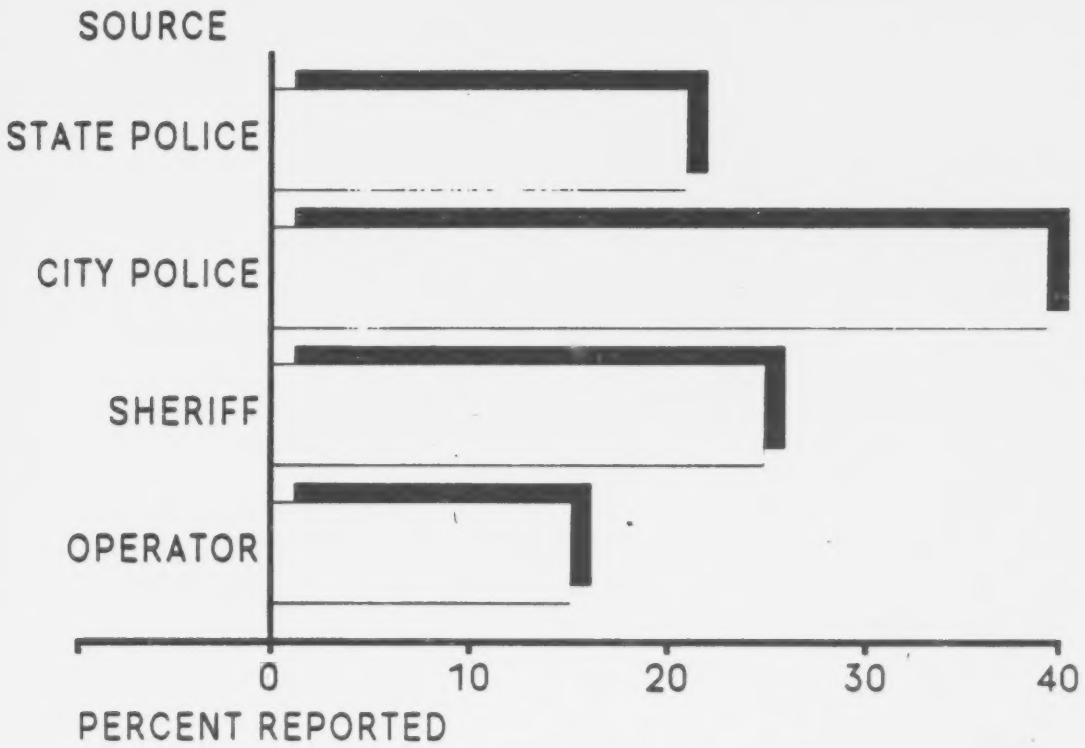
REPORTED ACCIDENTS BY LOCATION



53,306 Crashes - 486 Deaths - 27,998 Injuries

1990 WEST VIRGINIA CRASH DATA

REPORTED ACCIDENTS BY DATA SOURCE



Total Accidents 53,306

1990 WEST VIRGINIA CRASH DATA

BASE CRASH RATES

1988 - 1990

Highway Type	*Rate Per HMVM
Rural Interstate	74
Urban Interstate	109
Rural Primary	262
Rural Primary - Two Lanes	269
Rural Primary - Two Lanes 16-17'	370
Rural Primary - Two Lanes 18-22'	271
Rural Primary - Two Lanes over 22'	226
Rural Primary - Four Lanes	142
Rural Primary - Four Lanes Controlled Access	110
Urban Primary	487
Urban Primary - Two Lanes	499
Urban Primary - Four Lanes	375
County Routes over 500 ADT	326
Rural County Routes over 500 ADT less than 16'	266
Rural County Routes over 500 ADT 16-17'	338
Rural County Routes over 500 ADT 18-22'	332
Urban County Routes over 500 ADT - Two Lanes	293
County Routes Less than 500 ADT	625

* 3-Year Crash Rate Per Hundred Million Vehicle Miles

1990 WEST VIRGINIA CRASH DATA
HIGHWAY SEGMENTS WITH 65MPH SPEED LIMIT

HIGHWAY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	ECONOMIC* LOSS
I-64 WEST	566	236	360	4	4	$14,370,000
I-64 EAST	166	67	103	3	4	$8,451,000
I-70	43	12	21	2	2	$3,447,000
I-77 SOUTH	59	29	51	1	1	$2,682,000
I-77 TURNPIKE	272	146	214	6	6	$13,650,000
I-77 NORTH	353	152	219	8	10	$20,271,000
I-79	630	268	398	16	25	$47,187,000
I-81	180	71	109	2	2	$6,033,000
US 48	127	53	87	4	4	$8,259,000
	2,396	1,034	1,562	46	58	$124,350,000

ECONOMIC LOSS*
*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

65 MPH HIGHWAY SEGMENTS
BY TIME OF DAY

PERCENTAGE BAR CHART

TIME	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
MIDNIGHT - 3 AM	255	255	10.64	10.64
3 AM - 6 AM	188	443	7.85	18.49
6 AM - 9 AM	303	746	12.65	31.14
9 AM - NOON	294	1040	12.27	43.41
NOON - 3 PM	384	1424	16.03	59.43
3 PM - 6 PM	433	1857	18.07	77.50
6 PM - 9 PM	294	2151	12.27	89.77
9 PM - MIDNIGHT	245	2396	10.23	100.00

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

PERCENTAGE

65 MPH HIGHWAY SEGMENTS
BY TYPE OF CRASH

PERCENTAGE BAR CHART

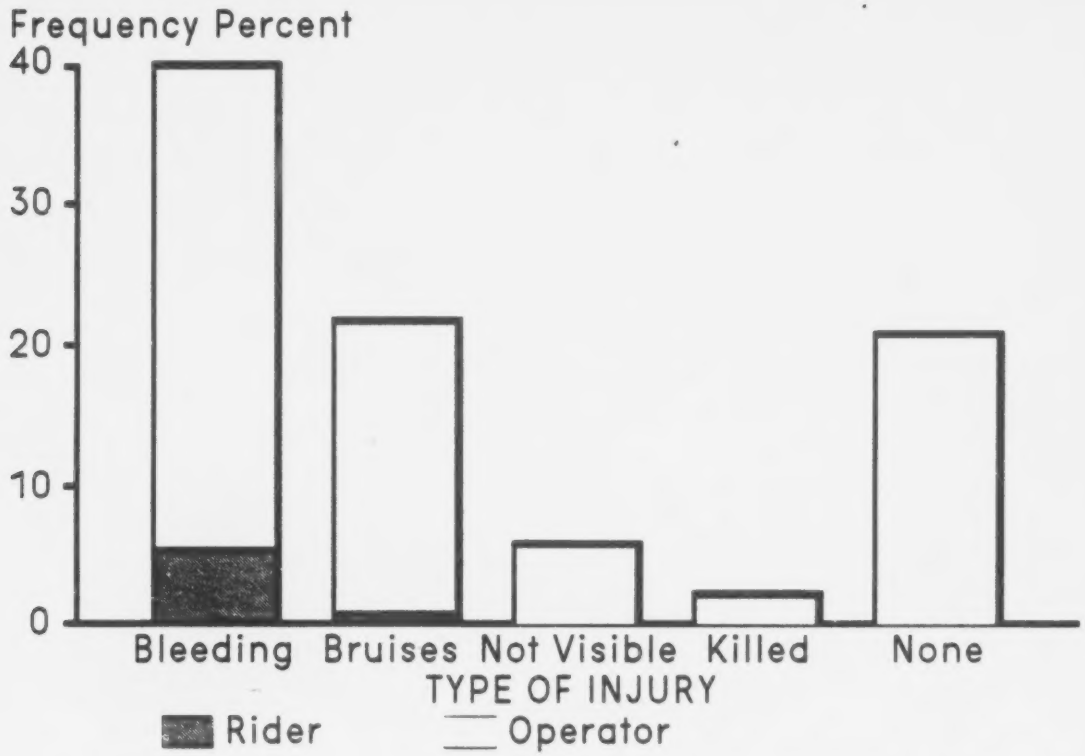
ACCTYPE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
REAR END	491	491	20.49	20.49
HEAD ON	32	523	1.34	21.83
SIDESWIPE SD	284	807	11.85	33.68
ACCESS CONFLICT	79	886	3.30	36.98
FIXED OBJECT	600	1486	25.04	62.02
OTHER	301	1787	12.56	74.58
HIT PARKED VEH	33	1820	1.38	75.96
RAN OFF ROAD	349	2169	14.57	90.53
OVERTURNED	227	2396	9.47	100.00

2 4 6 8 10 12 14 16 18 20 22 24

PERCENTAGE

1990 WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF MOTORCYCLE OPERATORS AND RIDERS



1990 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF MOTORCYCLIST INJURIES
BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME / FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	30	11	4	3	8	56
	4.81	1.76	0.64	0.48	1.28	8.97
3 AM - 6 AM	8	8	4	0	3	23
	1.28	1.28	0.64	0.00	0.48	3.69
6 AM - 9 AM	10	4	1	1	5	21
	1.60	0.64	0.16	0.16	0.80	3.37
9 AM - NOON	22	11	2	2	8	45
	3.53	1.76	0.32	0.32	1.28	7.21
NOON - 3 PM	51	23	6	0	25	105
	8.17	3.69	0.96	0.00	4.01	16.83
3 PM - 6 PM	89	33	10	2	47	181
	14.26	5.29	1.60	0.32	7.53	29.01
6 PM - 9 PM	57	25	7	6	28	123
	9.13	4.01	1.12	0.96	4.49	19.71
9 PM - MIDNIGHT	37	21	4	2	6	70
	5.93	3.37	0.64	0.32	0.96	11.22
TOTAL	304	136	38	16	130	624
	48.72	21.79	6.09	2.56	20.83	100.00

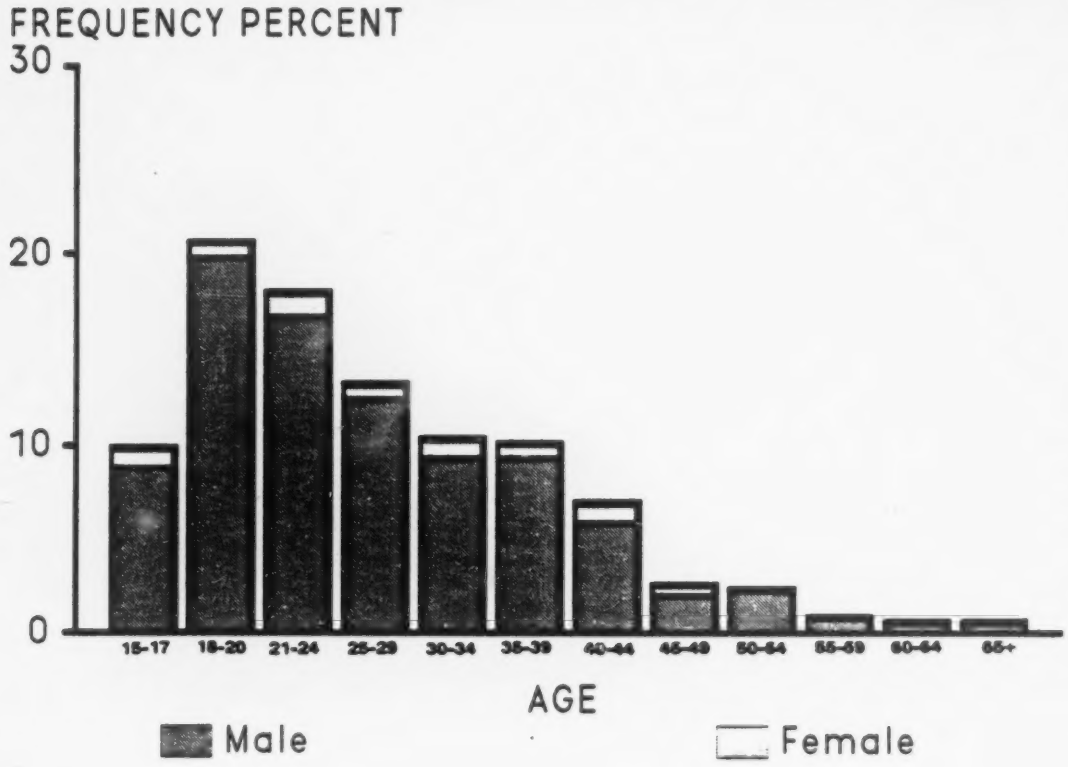
INJURY SEVERITY OF MOTORCYCLE OPERATORS AND RIDERS

TABLE OF INJURY BY SEAT

INJURY / FREQUENCY / PERCENT	RIDER	OPERATOR	TOTAL
A BLEEDING	35	269	304
	5.61	43.11	48.72
B BRUISES	7	129	136
	1.12	20.67	21.79
C NOT VISIBLE	2	36	38
	0.32	5.77	6.09
K KILLED	1	15	16
	0.16	2.40	2.56
O NO INJURY	0	130	130
	0.00	20.83	20.83
TOTAL	45	579	624
	7.21	92.79	100.00

1990 WEST VIRGINIA CRASH DATA

AGE AND SEX OF MOTORCYCLE OPERATORS AND RIDERS



1990 WEST VIRGINIA CRASH DATA

AGE AND SEX OF MOTORCYCLE OPERATORS AND RIDERS

TABLE OF AGE BY SEX

AGE SEX

FREQUENCY PERCENT	FEMALE	MALE	TOTAL
14 AND YOUNGER	3 0.50	13 2.16	16 2.65
15 TO 17	6 1.00	54 8.96	60 9.95
18 TO 20	4 0.66	120 19.90	124 20.56
21 TO 24	7 1.16	102 16.92	109 18.08
25 TO 29	3 0.50	76 12.60	79 13.10
30 TO 34	6 1.00	57 9.45	63 10.45
35 TO 39	5 0.83	56 9.29	61 10.12
40 TO 44	7 1.16	36 5.97	43 7.13
45 TO 49	2 0.33	14 2.32	16 2.65
50 TO 54	0 0.00	15 2.49	15 2.49
55 TO 59	0 0.00	7 1.16	7 1.16
60 TO 64	0 0.00	5 0.83	5 0.83
65 AND OLDER	0 0.00	5 0.83	5 0.83
TOTAL	43 7.13	560 92.87	603 100.00

FREQUENCY MISSING = 21

1990 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF MOTORCYCLIST INJURIES
BY MONTH

TABLE OF MONTH BY INJURY

MONTH INJURY

FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
JANUARY	2	1	0	0	3	6
	0.32	0.16	0.00	0.00	0.48	0.96
FEBRUARY	9	5	1	0	3	18
	1.44	0.80	0.16	0.00	0.48	2.88
MARCH	16	4	1	1	8	30
	2.56	0.64	0.16	0.16	1.28	4.81
APRIL	20	9	2	0	6	37
	3.21	1.44	0.32	0.00	0.96	5.93
MAY	31	17	5	1	15	69
	4.97	2.72	0.80	0.16	2.40	11.06
JUNE	53	29	9	3	22	116
	8.49	4.65	1.44	0.48	3.53	18.59
JULY	45	25	4	4	20	98
	7.21	4.01	0.64	0.64	3.21	15.71
AUGUST	42	18	5	2	20	87
	6.73	2.88	0.80	0.32	3.21	13.94
SEPTEMBER	42	10	5	3	15	75
	6.73	1.60	0.80	0.48	2.40	12.02
OCTOBER	25	11	4	1	8	49
	4.01	1.76	0.64	0.16	1.28	7.85
NOVEMBER	15	5	2	1	4	27
	2.40	0.80	0.32	0.16	0.64	4.33
DECEMBER	4	2	0	0	6	12
	0.64	0.32	0.00	0.00	0.96	1.92
TOTAL	304	136	38	16	130	624
	48.72	21.79	6.09	2.56	20.83	100.00

1990 WEST VIRGINIA CRASH DATA

SEX OF PEDESTRIANS BY AGE

TABLE OF AGE BY SEX

AGE SEX

FREQUENCY PERCENT	FEMALE	MALE	TOTAL
1 TO 9	42 5.52	105 13.80	147 19.32
10 TO 14	45 5.91	114 14.98	159 20.89
15 TO 20	28 3.68	84 11.04	112 14.72
21 TO 34	36 4.73	121 15.90	157 20.63
35 TO 64	40 5.26	88 11.56	128 16.82
65 AND OLDER	31 4.07	27 3.55	58 7.62
TOTAL	222 29.17	539 70.83	761 100.00

INJURY SEVERITY OF PEDESTRIANS BY AGE

TABLE OF AGE BY INJURY

AGE INJURY

FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1 TO 9	59 7.78	55 7.26	15 1.98	5 0.66	13 1.72	147 19.39
10 TO 14	65 8.58	60 7.92	17 2.24	4 0.53	13 1.72	159 20.98
15 TO 20	49 6.46	35 4.62	12 1.58	6 0.79	9 1.19	111 14.64
21 TO 34	63 8.31	46 6.07	29 3.83	10 1.32	8 1.06	156 20.58
35 TO 64	61 8.05	33 4.35	16 2.11	10 1.32	7 0.92	127 16.75
65 AND OLDER	34 4.49	10 1.32	7 0.92	5 0.66	2 0.26	58 7.65
TOTAL	331 43.67	239 31.53	96 12.66	40 5.28	52 6.86	758 100.00

FREQUENCY MISSING = 66

1990 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF PEDESTRIAN INJURIES
BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME INJURY

FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	35 4.27	18 2.20	11 1.34	5 0.61	7 0.85	76 9.28
3 AM - 6 AM	10 1.22	7 0.85	2 0.24	5 0.61	3 0.37	27 3.30
6 AM - 9 AM	20 2.44	21 2.56	6 0.73	1 0.12	6 0.73	54 6.59
9 AM - NOON	32 3.91	18 2.20	12 1.47	3 0.37	6 0.73	71 8.67
NOON - 3 PM	50 6.11	46 5.62	20 2.44	1 0.12	9 1.10	126 15.38
3 PM - 6 PM	101 12.33	75 9.16	26 3.17	9 1.10	26 3.17	237 28.94
6 PM - 9 PM	57 6.96	48 5.86	24 2.93	8 0.98	5 0.61	142 17.34
9 PM - MIDNIGHT	38 4.64	22 2.69	13 1.59	9 1.10	4 0.49	86 10.50
TOTAL	343 41.88	255 31.14	114 13.92	41 5.01	66 8.06	819 100.00

FREQUENCY MISSING = 5

1990 WEST VIRGINIA CRASH DATA
DISTRIBUTION OF BICYCLIST INJURIES
BY TIME OF DAY

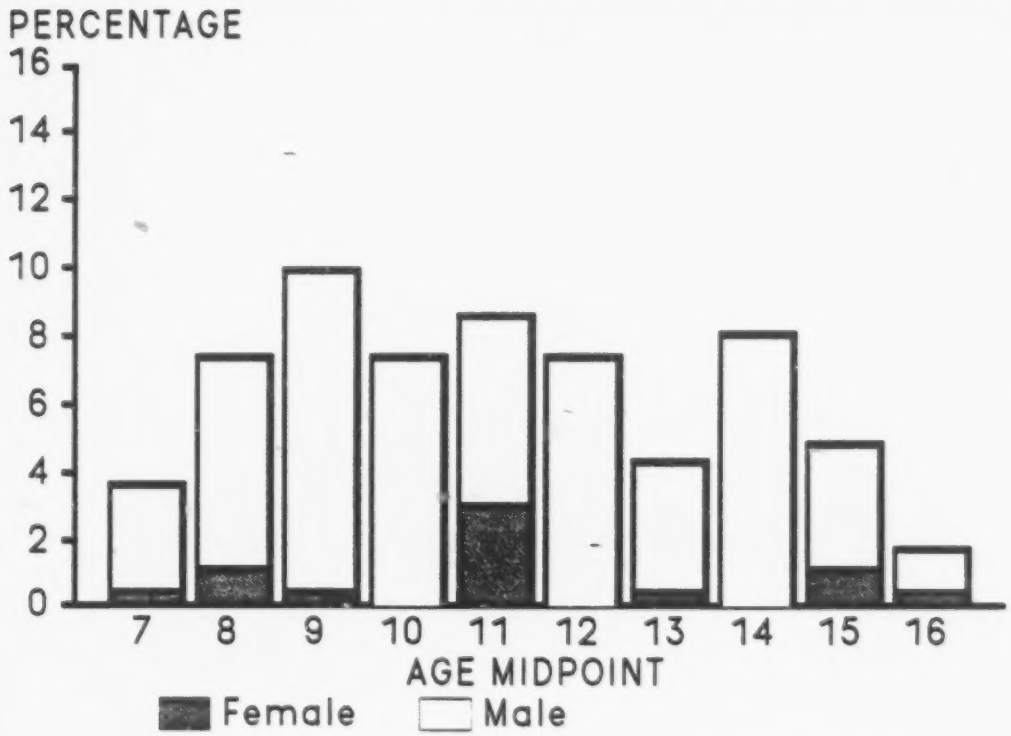
TABLE OF TIME BY INJURY

TIME INJURY

FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	4	5	3	0	2	14
	2.29	2.86	1.71	0.00	1.14	8.00
3 AM - 6 AM	1	1	0	0	1	3
	0.57	0.57	0.00	0.00	0.57	1.71
6 AM - 9 AM	1	3	1	0	1	6
	0.57	1.71	0.57	0.00	0.57	3.43
9 AM - NOON	7	2	3	0	1	13
	4.00	1.14	1.71	0.00	0.57	7.43
NOON - 3 PM	11	16	2	0	3	32
	6.29	9.14	1.14	0.00	1.71	18.29
3 PM - 6 PM	15	28	4	1	8	56
	8.57	16.00	2.29	0.57	4.57	32.00
6 PM - 9 PM	11	24	5	0	1	41
	6.29	13.71	2.86	0.00	0.57	23.43
9 PM - MIDNIGHT	7	1	0	1	1	10
	4.00	0.57	0.00	0.57	0.57	5.71
TOTAL	57	80	18	2	18	175
	32.57	45.71	10.29	1.14	10.29	100.00

1990 WEST VIRGINIA CRASH DATA

SEX OF BICYCLIST - AGES 7-16



1990 WEST VIRGINIA CRASH DATA

SEX OF BICYCLIST BY AGE

TABLE OF AGE BY SEX

AGE SEX

FREQUENCY PERCENT	FEMALE	MALE	TOTAL
4	0 0.00	1 0.62	1 0.62
5	0 0.00	2 1.23	2 1.23
6	1 0.62	3 1.85	4 2.47
7	1 0.62	5 3.09	6 3.70
8	2 1.23	10 6.17	12 7.41
9	1 0.62	15 9.26	16 9.88
10	0 0.00	12 7.41	12 7.41
11	5 3.09	9 5.56	14 8.64
12	0 0.00	12 7.41	12 7.41
13	1 0.62	6 3.70	7 4.32
14	0 0.00	13 8.02	13 8.02
15	2 1.23	6 3.70	8 4.94
16	1 0.62	2 1.23	3 1.85
17	0 0.00	5 3.09	5 3.09
19	0 0.00	5 3.09	5 3.09
20 TO 24	2 1.23	11 6.79	13 8.02
25 AND OLDER	3 1.85	26 16.05	29 17.90
TOTAL	19 11.73	143 88.27	162 100.00

FREQUENCY MISSING = 13

1990 WEST VIRGINIA CRASH DATA
DISTRIBUTION OF BICYCLIST INJURIES
BY MONTH

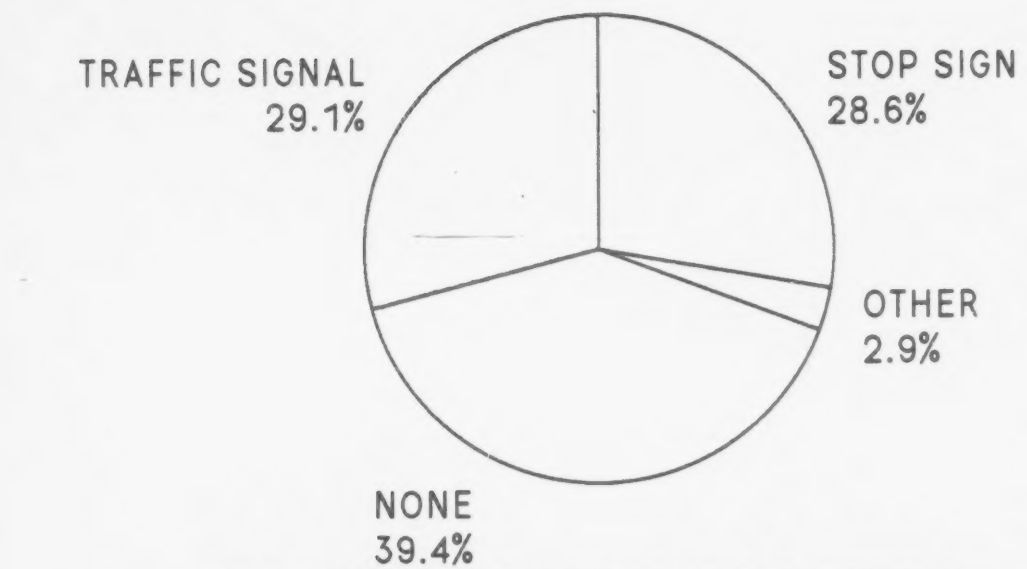
TABLE OF MONTH BY INJURY

MONTH INJURY

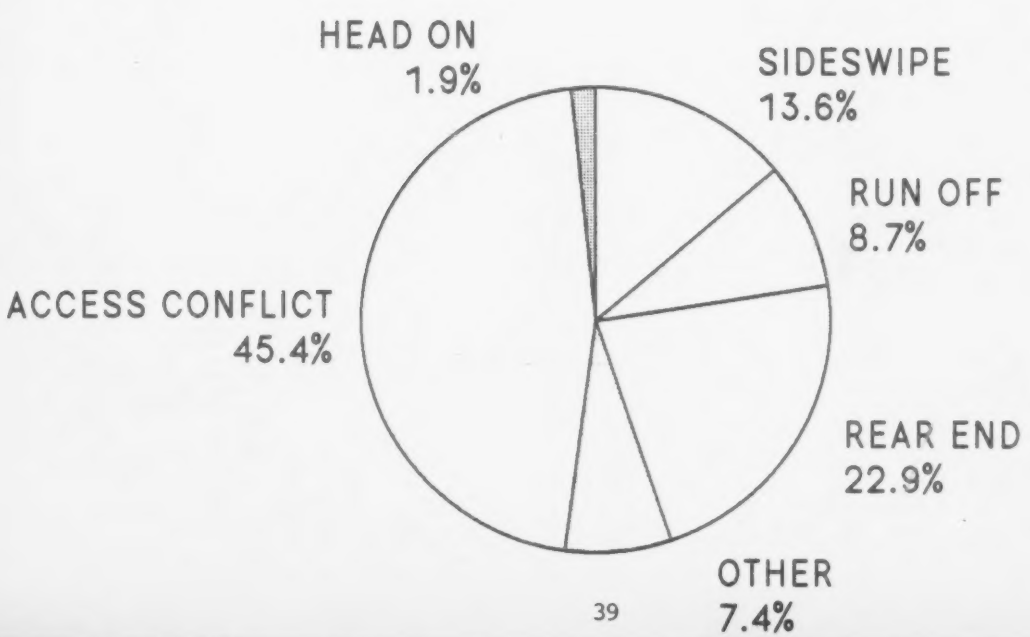
FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
JANUARY	2	2	2	0	1	7
	1.14	1.14	1.14	0.00	0.57	4.00
FEBRUARY	2	5	3	0	0	10
	1.14	2.86	1.71	0.00	0.00	5.71
MARCH	8	4	1	0	1	14
	4.57	2.29	0.57	0.00	0.57	8.00
APRIL	2	8	0	0	2	12
	1.14	4.57	0.00	0.00	1.14	6.86
MAY	2	6	5	0	2	15
	1.14	3.43	2.86	0.00	1.14	8.57
JUNE	9	11	2	0	4	26
	5.14	6.29	1.14	0.00	2.29	14.86
JULY	9	11	0	0	1	21
	5.14	6.29	0.00	0.00	0.57	12.00
AUGUST	6	15	1	1	5	28
	3.43	8.57	0.57	0.57	2.86	16.00
SEPTEMBER	10	5	2	0	1	18
	5.71	2.86	1.14	0.00	0.57	10.29
OCTOBER	4	6	0	0	0	10
	2.29	3.43	0.00	0.00	0.00	5.71
NOVEMBER	2	6	0	1	0	9
	1.14	3.43	0.00	0.57	0.00	5.14
DECEMBER	1	1	2	0	1	5
	0.57	0.57	1.14	0.00	0.57	2.86
TOTAL	57	80	18	2	18	175
	32.57	45.71	10.29	1.14	10.29	100.00

1990 WEST VIRGINIA CRASH DATA

INTERSECTION CRASHES
By Traffic Control

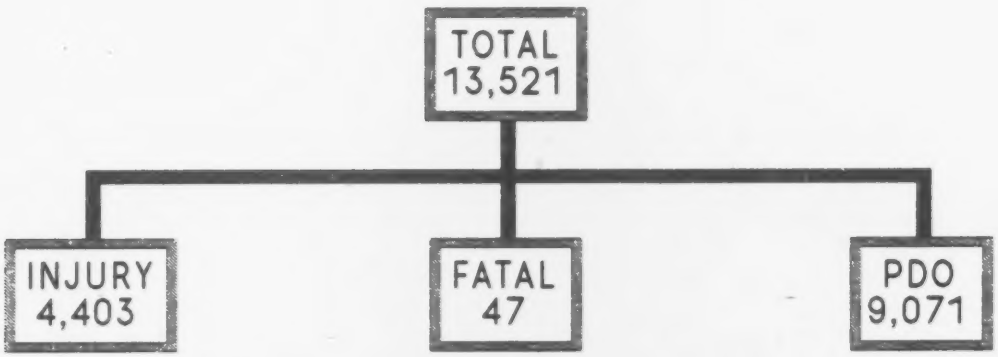


INTERSECTION CRASHES
BY TYPE OF COLLISION



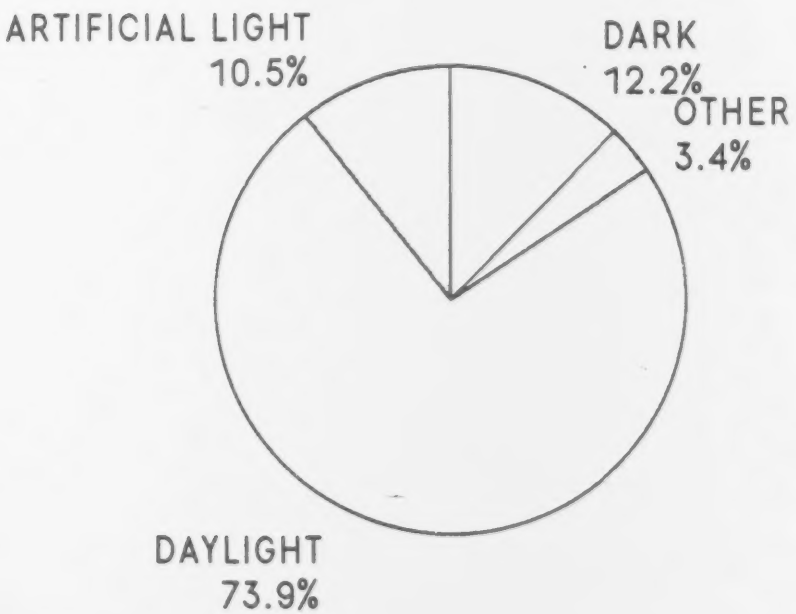
1990 WEST VIRGINIA CRASH DATA

INTERSECTION CRASHES



INTERSECTION CRASHES

BY LIGHT CONDITION



1990 WEST VIRGINIA CRASH DATA
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 2,200 - 5,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BARBOURSVILLE	2,774	61	220	31	1	41	3	11
BETHLEHEM	2,694	39	145	5	0	41	1	4
CHARLES TOWN	3,122	131	420	50	0	37	4	13
CHESTER	2,905	30	103	9	0	11	0	0
FOLLANSBEE	3,339	128	383	34	0	29	4	12
HINTON	3,433	29	84	3	0	19	0	0
HURRICANE	4,451	96	215	20	0	26	2	4
KENOVA	3,748	38	101	8	0	12	1	3
KINGWOOD	3,243	61	188	19	0	17	1	3
LEWISBURG	3,598	142	395	70	0	40	0	0
LOGAN	2,206	107	485	39	0	20	2	9
MADISON	3,051	102	334	40	0	35	1	3
MILTON	2,242	56	250	15	0	12	2	9
MONTGOMERY	2,449	58	237	10	0	16	0	0
PADEN CITY	2,862	31	108	10	0	18	1	3
PETERSBURG	2,360	55	233	16	0	20	2	8
PHILIPPI	3,132	101	322	30	0	12	1	3
PT PLEASANT	4,996	174	348	98	0	33	4	8
RANSON	2,890	101	349	26	0	14	2	7
RAVENSWOOD	4,189	48	115	6	0	12	1	2
RICHWOOD	2,808	37	132	10	0	3	0	0
RIPLEY	3,023	143	473	46	2	22	6	20
SHINNSTON	2,543	30	118	21	0	12	0	0
SPENCER	2,279	104	456	37	0	13	1	4
SUMMERSVILLE	2,906	113	389	60	0	30	1	3
WELCH	3,028	118	390	56	0	26	3	10
WELLSBURG	3,385	132	390	53	0	18	4	12
WESTON	4,994	147	294	46	1	4	2	4
WESTOVER	4,201	78	186	21	0	26	2	5
WHITE SULPHUR SPRINGS	2,779	35	126	13	0	16	0	0
WILLIAMSON	4,154	117	282	66	0	30	1	2
WILLIAMSTOWN	2,774	56	202	16	0	61	0	0
		2,698		984	4			

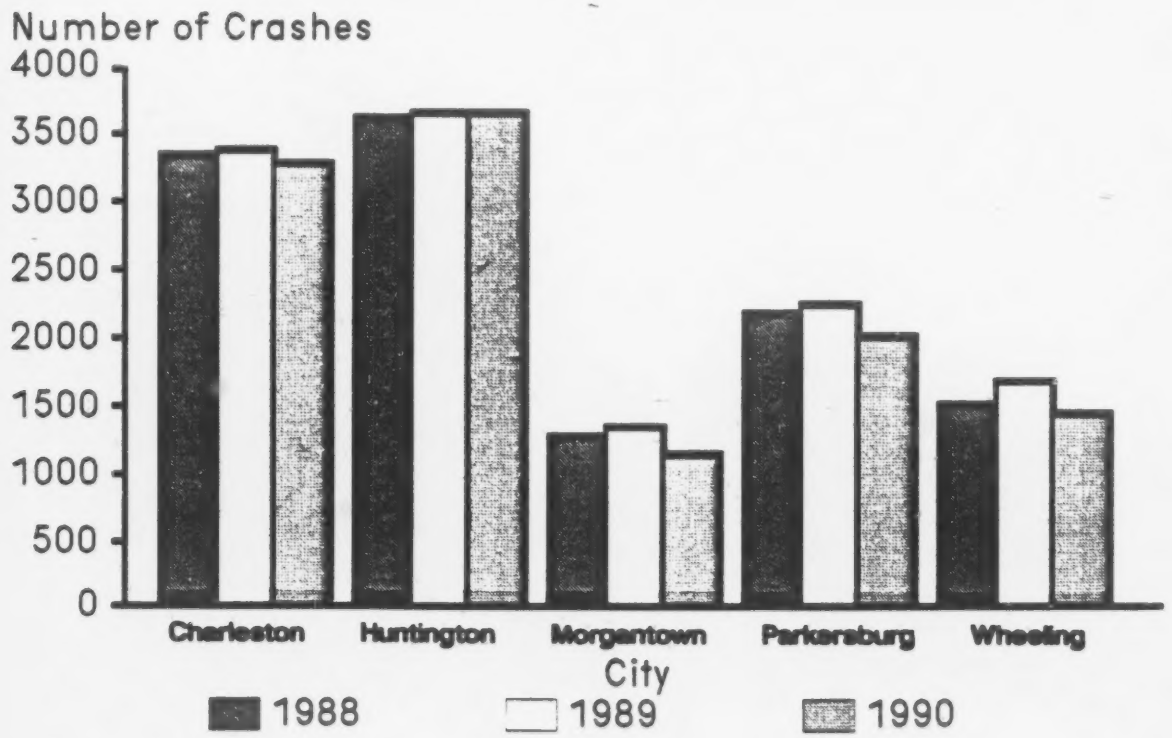
*POPULATION - 1990 BUREAU OF CENSUS

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 5,001 - 10,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BRIDGEPORT	6,739	166	246	55	0	26	9	13
BUCKHANNON	5,909	175	296	69	0	22	7	12
DUNBAR	8,697	317	364	125	2	30	4	5
ELKINS	7,420	260	350	111	0	32	4	5
GRAFTON	5,524	125	226	62	2	17	2	4
KEYSER	5,870	114	194	34	0	35	5	9
NEW MARTINSVILLE	6,705	205	306	83	0	16	4	6
NITRO	6,851	227	331	103	1	31	3	4
OAK HILL	6,812	182	267	98	0	19	2	3
PRINCETON	7,043	351	498	153	0	22	5	7
		2,122		893	5			

1990 WEST VIRGINIA CRASH DATA

CRASHES IN LARGEST CITIES



*POPULATION - 1990 BUREAU OF CENSUS

1990 WEST VIRGINIA CRASH DATA
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 10,001 - 25,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BECKLEY	18,296	721	394	417	1	33	14	8
BLUEFIELD	12,756	352	276	208	4	30	1	1
CLARKSBURG	18,059	604	334	181	0	32	9	5
FAIRMONT	20,210	844	418	419	1	35	15	7
MARTINSBURG	14,073	505	359	156	0	28	19	14
MOUNDSVILLE	10,753	289	269	128	0	17	7	7
SO CHARLESTON	13,645	666	488	302	1	43	11	8
ST ALBANS	11,194	352	314	120	2	28	6	5
VIENNA	10,862	183	168	69	0	43	6	6
WEIRTON	22,124	758	343	400	0	43	22	10
		5,274		2,400	10			

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 25,001 - 50,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
MORGANTOWN	25,879	1,147	443	300	0	42	25	10
PARKERSBURG	33,862	2,007	593	774	7	44	50	15
WHEELING	34,882	1,452	416	570	6	29	27	8
		4,606		1,644	13			

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION OVER 50,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
CHARLESTON	57,287	3,284	573	1,267	6	39	82	14
HUNTINGTON	54,844	3,662	668	1,207	4	33	73	13
		6,946		2,474	10			

*POPULATION - 1990 BUREAU OF CENSUS

1990 West Virginia Crash Data

FATAL CRASHES AND FATALITIES BY MONTH

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Fatal Crashes	22	26	27	31	34	35	31	45	36	51	35	39	412
Persons Killed	22	35	28	36	43	41	45	50	43	54	40	49	486
Persons Injured	15	37	14	19	31	31	21	53	38	61	36	55	411
Alcohol Related Crashes	4	8	12	12	10	18	13	17	13	16	8	17	148
Intersection Crashes	3	6	4	3	6	4	3	2	3	9	2	3	48
Bicycle Crashes	0	0	0	0	0	0	0	1	0	0	1	0	2
Pedestrian Crashes	4	1	6	2	1	6	2	2	5	6	3	1	39
Train Crashes	0	0	0	1	1	0	0	0	0	0	0	0	2
Motorcycle Crashes	0	0	1	0	1	3	3	2	3	1	1	0	15
Semi Crashes	4	3	5	4	2	2	6	2	6	6	1	3	44

Fatal Crashes and Fatalities by Highway Classification

HIGHWAY	INTERSTATE	US	WV	COUNTY	CITY	OTHER	TOTAL
Total Fatal Crashes	47	122	136	94	8	5	412
Persons Killed	59	145	157	110	8	7	486
Alcohol Related Crashes	14	43	47	43	0	1	148
Intersection Crashes	0	30	10	7	1	0	48
Bicycle Crashes	0	1	1	0	0	0	2
Pedestrian Crashes	3	11	15	6	4	0	39
Train Crashes	0	0	1	0	0	1	2
Motorcycle Crashes	1	4	7	2	1	0	15
Semi Crashes	13	15	12	3	1	0	44

1990 West Virginia
Crash Data
Total Persons Killed - 436
By County
HANCOCK 6
BROOKE 5
OHIO 10
MARSHALL 4
WETZEL 3
MONONGALIA 21
MARION 12
PRESTON 9
TYLER 2
PLEASANTS 0
HARRISON 9
TAYLOR 6
WOOD 17
RITCHIE 5
DODDRIDGE 6
BARBOUR 3
TUCKER 0
WIRT 1
LEWIS 1
JACKSON 11
GILMER 3
UPSHUR 1
RANDOLPH 7
MASON 8
CALHOUN 4
ROANE 4
BRAXTON 18
PENDLETON 7
PUTNAM 7
CABELL 14
CLAY 4
WEBSTER 5
KANAWHA 62
NICHOLAS 13
POCAHONTAS 1
WAYNE 10
LINCOLN 3
BOONE 4
FAYETTE 10
GREENBRIER 6
LOGAN 17
RALEIGH 19
MINGO 9
WYOMING 8
SUMMERS 3
MONROE 6
MCDOWELL 4
MERCER 27
MORGAN 3
BERKELEY 25
JEFFERSON 9
MINERAL 5
HAMPSHIRE 12
GRANT 11
HARDY 6

1990 WEST VIRGINIA CRASH DATA
FATAL CRASHES AND FATALITIES BY COUNTY

COUNTY	TOTAL FATAL CRASHES	PERSONS KILLED	ALCOHOL RELATED CRASHES	INTERSECTION CRASHES	BICYCLE CRASHES	PEDESTRIAN CRASHES	TRAIN CRASHES	MOTORCYCLE CRASHES	SEMI CRASHES
BARBOUR	3	3	1	0	0	1	0	0	0
BERKELEY	16	25	5	1	0	4	0	0	1
BOONE	4	4	0	0	0	0	0	0	1
BRAXTON	11	18	3	0	0	1	1	1	3
BROOKE	5	5	2	1	0	0	0	0	2
CABELL	12	14	5	2	0	4	0	0	0
CALHOUN	3	4	1	0	0	0	0	0	0
CLAY	4	4	3	0	0	0	0	0	0
DODDRIDGE	3	6	0	0	0	0	0	0	1
FAYETTE	9	10	3	0	0	1	0	0	0
GILMER	3	3	1	2	0	1	0	0	0
GRANT	10	11	2	2	0	0	0	1	2
GREENBRIER	6	6	2	0	0	0	0	0	0
HAMPSHIRE	12	12	6	2	0	0	0	1	0
HANCOCK	5	6	4	1	0	1	0	0	0
HARDY	5	6	1	0	0	1	0	0	0
HARRISON	8	9	0	1	0	0	0	1	1
JACKSON	10	11	5	1	0	2	0	0	0
JEFFERSON	9	9	2	0	0	0	0	0	1
KANAWHA	35	62	16	9	1	6	0	4	4
LEWIS	1	1	0	0	0	1	0	0	0
LINCOLN	3	3	2	0	0	0	0	0	0
LOGAN	13	17	5	1	0	3	0	0	1
MCDOWELL	4	4	1	0	0	1	0	0	1
MARION	10	12	3	0	0	0	0	0	1
MARSHALL	3	4	2	0	0	0	0	0	0
MASON	7	8	2	2	0	0	0	0	0
MERCER	20	27	11	2	0	2	0	1	0
MINERAL	4	5	1	1	0	0	0	0	0
MINGO	9	9	4	1	0	0	0	1	2
MONONGALIA	17	21	8	4	0	1	0	0	2
MONROE	6	6	4	0	0	0	0	0	0
MORGAN	3	3	0	0	0	0	0	1	1
NICHOLAS	11	13	3	0	0	0	0	0	2
OHIO	10	10	1	2	0	4	0	0	3
PENDLETON	6	7	2	0	0	0	0	0	0
POCAHONTAS	1	1	1	0	0	0	0	0	0
PRESTON	9	9	0	1	0	1	0	1	1
PUTNAM	7	7	2	1	1	0	0	0	2
RALEIGH	16	19	6	2	0	2	0	1	1
RANDOLPH	6	7	3	0	0	0	0	1	0
RITCHIE	5	5	2	1	0	1	0	0	0
ROANE	4	4	1	0	0	0	0	0	0
SUMMERS	2	3	1	0	0	0	0	0	0
TAYLOR	5	6	2	1	0	0	0	0	0
TYLER	2	2	2	0	0	0	0	1	0
UPSHUR	1	1	1	0	0	0	0	0	0
WAYNE	8	10	3	2	0	0	1	0	1
WEBSTER	5	5	2	1	0	0	0	0	0
WETZEL	3	3	2	0	0	0	0	0	1
WIRT	1	1	1	0	0	0	0	0	0
WOOD	12	17	7	3	0	0	0	0	4
WYOMING	6	8	0	1	0	1	0	0	1
	412	486	148	48	2	39	2	15	44

WEST VIRGINIA FATAL CRASHES AND FATALITIES

JANUARY 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 1 TOTAL 1 KILLED 1 INTSEC 1 PED	2 2 TOTAL 2 KILLED 1 INTSEC	3	4	5	6 1 TOTAL 1 KILLED 1 ALCOHOL
7 2 TOTAL 2 KILLED	8	9 1 TOTAL 1 KILLED 1 SEMI	10	11 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	12 1 TOTAL 1 KILLED	13
14	15 1 TOTAL 1 KILLED 1 INTSEC 1 PED 1 SEMI	16 1 TOTAL 1 KILLED	17 2 TOTAL 2 KILLED 1 PED	18	19	20
21	22 1 TOTAL 1 KILLED	23	24 1 TOTAL 1 KILLED	25 3 TOTAL 3 KILLED 1 SEMI	26	27
28 1 TOTAL 1 KILLED 1 ALCOHOL	29 1 TOTAL 1 KILLED 1 ALCOHOL	30	31 1 TOTAL 1 KILLED 1 SEMI			

	SUM
TOTAL FATAL CRASHES	22
PERSONS KILLED	22
ALCOHOL CRASHES	4
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	0
SEMI CRASHES	4

WEST VIRGINIA FATAL CRASHES AND FATALITIES

FEBRUARY 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2 1 TOTAL 2 KILLED	3
4 2 TOTAL 3 KILLED	5 1 TOTAL 1 KILLED 1 INTSEC 1 PED	6	7 1 TOTAL 1 KILLED	8 1 TOTAL 2 KILLED 1 ALCOHOL	9 3 TOTAL 4 KILLED 1 ALCOHOL 1 INTSEC	10
11 2 TOTAL 2 KILLED 1 ALCOHOL	12 2 TOTAL 4 KILLED 1 ALCOHOL	13 1 TOTAL 1 KILLED	14 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	15 1 TOTAL 1 KILLED	16 1 TOTAL 3 KILLED	17
18 1 TOTAL 1 KILLED 1 ALCOHOL	19	20 2 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC 1 SEMI	21	22 2 TOTAL 2 KILLED 1 SEMI	23	24 2 TOTAL 2 KILLED 1 INTSEC 1 SEMI
25	26	27 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC	28			

	SUN
TOTAL FATAL CRASHES	26
PERSONS KILLED	35
ALCOHOL CRASHES	8
INTERSECTION CRASHES	6
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	0
SEMI CRASHES	3

WEST VIRGINIA FATAL CRASHES AND FATALITIES

MARCH 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 2 TOTAL 3 KILLED 1 SEMI	2 3 TOTAL 3 KILLED 2 INTSEC 2 PED	3 1 TOTAL 1 KILLED 1 PED
4 1 TOTAL 1 KILLED 1 PED	5 2 TOTAL 2 KILLED 1 ALCOHOL	6 1 TOTAL 1 KILLED 1 SEMI	7 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED 1 SEMI	8	9 1 TOTAL 1 KILLED 1 INTSEC	10 1 TOTAL 1 KILLED 1 MCYCLE
11 2 TOTAL 2 KILLED 1 ALCOHOL	12	13 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI	14 2 TOTAL 2 KILLED 1 ALCOHOL	15	16 1 TOTAL 1 KILLED 1 ALCOHOL	17 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI
18 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	19	20	21	22 1 TOTAL 1 KILLED 1 ALCOHOL	23 1 TOTAL 1 KILLED 1 ALCOHOL	24 1 TOTAL 1 KILLED 1 ALCOHOL
25 1 TOTAL 1 KILLED 1 PED	26	27	28	29	30 1 TOTAL 1 KILLED 1 ALCOHOL	31

	SUM
TOTAL FATAL CRASHES	27
PERSONS KILLED	28
ALCOHOL CRASHES	12
INTERSECTION CRASHES	4
PEDESTRIAN CRASHES	6
MOTORCYCLE CRASHES	1
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

APRIL 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 1 TOTAL 2 KILLED	2 1 TOTAL 1 KILLED 1 INTSEC	3	4 1 TOTAL 1 KILLED	5 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI	6	7 3 TOTAL 4 KILLED 1 SEMI
8 1 TOTAL 2 KILLED 1 ALCOHOL	9	10 1 TOTAL 1 KILLED	11	12 3 TOTAL 4 KILLED 1 ALCOHOL 1 PED 1 SEMI	13 2 TOTAL 3 KILLED	14 1 TOTAL 1 KILLED 1 ALCOHOL
15 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	16	17	18	19	20 2 TOTAL 2 KILLED 1 ALCOHOL	21 1 TOTAL 1 KILLED 1 ALCOHOL
22 3 TOTAL 3 KILLED 2 ALCOHOL	23	24	25 3 TOTAL 3 KILLED 1 ALCOHOL	26	27 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	28 2 TOTAL 2 KILLED 1 PED
29	30 2 TO[illegible] 2 KILLED 1 ALCOHOL 1 INTSEC					

	SUM
TOTAL FATAL CRASHES	31
PERSONS KILLED	36
ALCOHOL CRASHES	12
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	2
MOTORCYCLE CRASHES	0
SEMI CRASHES	4

WEST VIRGINIA FATAL CRASHES AND FATALITIES

MAY 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4 3 TOTAL 9 KILLED 2 ALCOHOL 1 SEMI	5 1 TOTAL 1 KILLED
6 1 TOTAL 1 KILLED	7	8 1 TOTAL 1 KILLED	9	10 1 TOTAL 1 KILLED 1 INTSEC	11	12 3 TOTAL 4 KILLED
13 1 TOTAL 1 KILLED	14 3 TOTAL 3 KILLED 2 INTSEC	15	16 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC	17	18 1 TOTAL 1 KILLED	19 1 TOTAL 1 KILLED 1 MCYCLE
20 1 TOTAL 1 KILLED 1 ALCOHOL	21 3 TOTAL 5 KILLED 1 ALCOHOL 1 INTSEC	22 2 TOTAL 2 KILLED 1 INTSEC	23	24	25 1 TOTAL 1 KILLED 1 ALCOHOL	26 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED
27 3 TOTAL 3 KILLED 1 ALCOHOL	28 2 TOTAL 2 KILLED 2 ALCOHOL	29	30 1 TOTAL 1 KILLED 1 SEMI	31 1 TOTAL 1 KILLED		

	SUM
TOTAL FATAL CRASHES	34
PERSONS KILLED	43
ALCOHOL CRASHES	10
INTERSECTION CRASHES	6
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	1
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

JUNE 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3 2 TOTAL 2 KILLED 1 ALCOHOL	4	5 1 TOTAL 1 KILLED 1 PED	6 2 TOTAL 3 KILLED 1 ALCOHOL	7	8 3 TOTAL 3 KILLED 2 ALCOHOL 1 PED	9 3 TOTAL 4 KILLED 2 ALCOHOL 1 INTSEC 1 PED
10 1 TOTAL 1 KILLED 1 PED	11 2 TOTAL 2 KILLED 1 ALCOHOL 1 MCYCLE	12 1 TOTAL 1 KILLED 1 INTSEC	13 1 TOTAL 1 KILLED 1 ALCOHOL	14	15 3 TOTAL 5 KILLED 2 ALCOHOL 1 INTSEC 1 PED 1 SEMI	16
17 4 TOTAL 4 KILLED 3 ALCOHOL	18	19	20 2 TOTAL 2 KILLED 1 ALCOHOL	21 1 TOTAL 1 KILLED 1 MCYCLE	22 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	23 4 TOTAL 6 KILLED 2 ALCOHOL
24	25	26	27 1 TOTAL 1 KILLED	28 1 TOTAL 1 KILLED 1 INTSEC 1 SEMI	29 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	30

	SUM
TOTAL FATAL CRASHES	35
PERSONS KILLED	41
ALCOHOL CRASHES	18
INTERSECTION CRASHES	4
PEDESTRIAN CRASHES	6
MOTORCYCLE CRASHES	3
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

JULY 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 3 TOTAL 3 KILLED 1 INTSEC	2 3 TOTAL 3 KILLED 1 ALCOHOL	3	4 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	5 2 TOTAL 2 KILLED 1 SEMI	6	7 1 TOTAL 2 KILLED 1 ALCOHOL
8 5 TOTAL 5 KILLED 3 ALCOHOL 1 MCYCLE	9	10	11	12	13 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI	14
15 1 TOTAL 1 KILLED 1 PED	16	17 1 TOTAL 1 KILLED 1 PED	18 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	19 1 TOTAL 2 KILLED	20	21
22 1 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 MCYCLE	23	24	25	26 3 TOTAL 10 KILLED 1 ALCOHOL 3 SEMI	27 1 TOTAL 2 KILLED 1 ALCOHOL	28 1 TOTAL 1 KILLED
29 3 TOTAL 6 KILLED 2 ALCOHOL 1 INTSEC	30 1 TOTAL 1 KILLED	31				

	SUM
TOTAL FATAL CRASHES	31
PERSONS KILLED	45
ALCOHOL CRASHES	13
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	2
MOTORCYCLE CRASHES	3
SEMI CRASHES	6

WEST VIRGINIA FATAL CRASHES AND FATALITIES

AUGUST 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3 3 TOTAL 3 KILLED 1 ALCOHOL	4
5 1 TOTAL 1 KILLED 1 ALCOHOL	6 1 TOTAL 2 KILLED	7 1 TOTAL 1 KILLED	8	9 1 TOTAL 1 KILLED	10 2 TOTAL 3 KILLED	11 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED 1 MCYCLE
12 2 TOTAL 2 KILLED 1 ALCOHOL 1 MCYCLE	13 1 TOTAL 1 KILLED	14	15 1 TOTAL 1 KILLED 1 ALCOHOL	16 5 TOTAL 5 KILLED 2 ALCOHOL 1 SEMI	17 1 TOTAL 1 KILLED	18 3 TOTAL 3 KILLED 2 ALCOHOL
19 1 TOTAL 1 KILLED	20 1 TOTAL 2 KILLED	21 2 TOTAL 3 KILLED 1 INTSEC	22 1 TOTAL 1 KILLED	23	24	25 1 TOTAL 3 KILLED 1 ALCOHOL
26 4 TOTAL 5 KILLED 2 ALCOHOL	27	28 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	29 1 TOTAL 1 KILLED 1 ALCOHOL	30 1 TOTAL 1 KILLED 1 ALCOHOL	31 4 TOTAL 4 KILLED 2 ALCOHOL 1 INTSEC 1 PED	

	SUM
TOTAL FATAL CRASHES	45
PERSONS KILLED	50
ALCOHOL CRASHES	17
INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	2
MOTORCYCLE CRASHES	2
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

SEPTEMBER 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 3 TOTAL 4 KILLED 1 ALCOHOL 1 MCYCLE
2 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	3 5 TOTAL 8 KILLED 3 ALCOHOL 1 INTSEC 1 MCYCLE 1 SEMI	4	5 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI	6 2 TOTAL 2 KILLED 1 ALCOHOL 1 MCYCLE 1 SEMI	7 1 TOTAL 1 KILLED	8 3 TOTAL 4 KILLED 1 PED 1 SEMI
9 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	10	11	12 2 TOTAL 2 KILLED 1 INTSEC 1 PED	13 1 TOTAL 1 KILLED	14 2 TOTAL 2 KILLED 1 ALCOHOL	15 1 TOTAL 1 KILLED
16	17 1 TOTAL 1 KILLED 1 SEMI	18	19 1 TOTAL 1 KILLED	20 1 TOTAL 1 KILLED 1 ALCOHOL	21 2 TOTAL 4 KILLED 1 ALCOHOL	22 1 TOTAL 1 KILLED 1 ALCOHOL
23 1 TOTAL 1 KILLED 1 ALCOHOL	24	25	26 1 TOTAL 1 KILLED	27	28 1 TOTAL 1 KILLED 1 INTSEC 1 SEMI	29 3 TOTAL 3 KILLED 1 PED
30						

	SUM
TOTAL FATAL CRASHES	16
PERSONS KILLED	43
ALCOHOL CRASHES	13
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	5
MOTORCYCLE CRASHES	3
SEMI CRASHES	6

WEST VIRGINIA FATAL CRASHES AND FATALITIES

OCTOBER 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 2 TOTAL 2 KILLED	2	3 2 TOTAL 2 KILLED 1 INTSEC	4 5 TOTAL 5 KILLED 1 ALCOHOL 1 INTSEC 1 PED 1 SEMI	5 1 TOTAL 1 KILLED	6 2 TOTAL 2 KILLED 1 INTSEC 1 PED 1 SEMI
7 3 TOTAL 3 KILLED 1 ALCOHOL 2 INTSEC 1 SEMI	8 1 TOTAL 1 KILLED 1 SEMI	9	10	11	12 2 TOTAL 2 KILLED 1 PED	13 3 TOTAL 4 KILLED 2 ALCOHOL
14	15 2 TOTAL 2 KILLED 1 PED 1 SEMI	16 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	17 3 TOTAL 3 KILLED 1 ALCOHOL	18 1 TOTAL 1 KILLED	19 2 TOTAL 3 KILLED 2 ALCOHOL 1 INTSEC 1 SEMI	20 4 TOTAL 4 KILLED 1 ALCOHOL
21 3 TOTAL 3 KILLED 1 ALCOHOL 1 MCYCLE	22 1 TOTAL 1 KILLED	23 1 TOTAL 1 KILLED	24 1 TOTAL 1 KILLED 1 INTSEC 1 PED	25 2 TOTAL 2 KILLED 2 ALCOHOL	26	27 1 TOTAL 1 KILLED 1 PED
28 3 TOTAL 4 KILLED 2 ALCOHOL 1 INTSEC	29 2 TOTAL 2 KILLED 1 ALCOHOL	30 1 TOTAL 1 KILLED	31 2 TOTAL 2 KILLED 1 ALCOHOL			

	SUM
TOTAL FATAL CRASHES	51
PERSONS KILLED	54
ALCOHOL CRASHES	16
INTERSECTION CRASHES	9
PEDESTRIAN CRASHES	6
MOTORCYCLE CRASHES	1
SEMI CRASHES	6

WEST VIRGINIA FATAL CRASHES AND FATALITIES

NOVEMBER 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 1 TOTAL 1 KILLED	2 1 TOTAL 1 KILLED 1 ALCOHOL	3 4 TOTAL 5 KILLED 2 ALCOHOL 1 INTSEC 1 MCYCLE 1 SEMI
4 1 TOTAL 1 KILLED 1 ALCOHOL	5 2 TOTAL 3 KILLED	6 1 TOTAL 1 KILLED	7	8 1 TOTAL 1 KILLED	9 1 TOTAL 1 KILLED	10 1 TOTAL 1 KILLED
11 1 TOTAL 1 KILLED	12	13	14	15 2 TOTAL 2 KILLED	16	17 4 TOTAL 4 KILLED 1 ALCOHOL
18 4 TOTAL 4 KILLED 1 ALCOHOL	19	20	21 2 TOTAL 3 KILLED 1 PED	22 2 TOTAL 2 KILLED 1 INTSEC	23	24 2 TOTAL 2 KILLED 1 ALCOHOL
25 1 TOTAL 1 KILLED 1 ALCOHOL	26 1 TOTAL 1 KILLED	27	28	29 1 TOTAL 1 KILLED 1 PED	30 2 TOTAL 4 KILLED 1 PED	

	SUM
TOTAL FATAL CRASHES	35
PERSONS KILLED	40
ALCOHOL CRASHES	8
INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	1
SEMI CRASHES	1

WEST VIRGINIA FATAL CRASHES AND FATALITIES

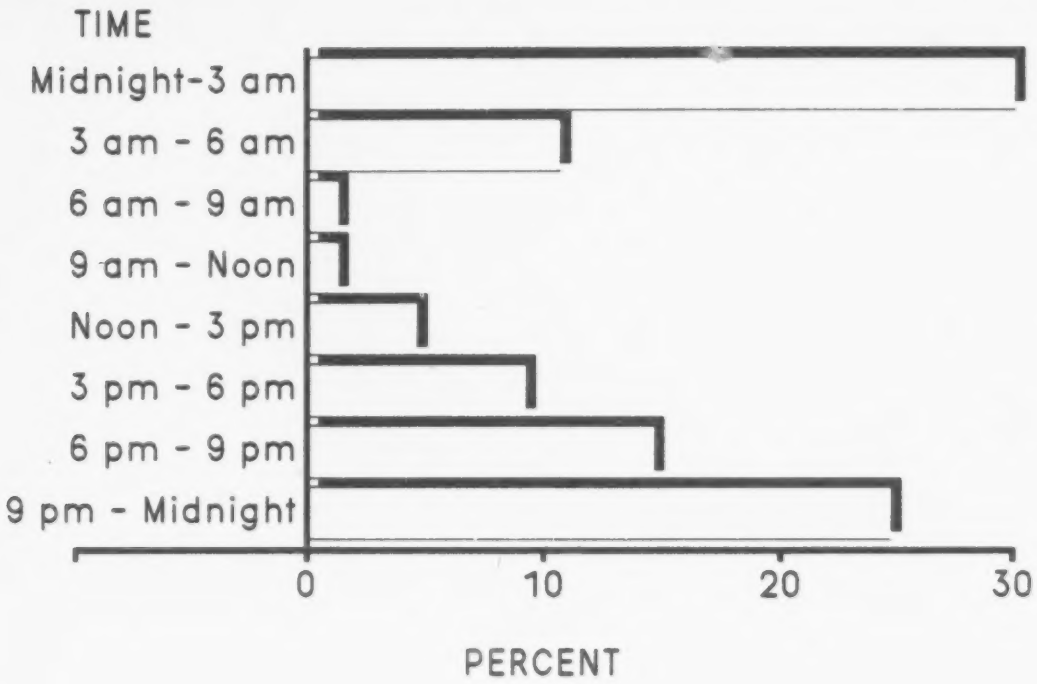
DECEMBER 1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 2 TOTAL 2 KILLED 1 ALCOHOL
2 1 TOTAL 1 KILLED	3 3 TOTAL 4 KILLED 2 ALCOHOL 1 INTSEC 1 PED	4 3 TOTAL 4 KILLED	5 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	6	7 1 TOTAL 2 KILLED	8 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC
9	10	11 3 TOTAL 4 KILLED 1 ALCOHOL 1 SEMI	12	13 2 TOTAL 2 KILLED 1 ALCOHOL	14	15 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI
16 4 TOTAL 4 KILLED 3 ALCOHOL	17 2 TOTAL 2 KILLED	18	19 1 TOTAL 1 KILLED 1 ALCOHOL	20 2 TOTAL 2 KILLED	21 2 TOTAL 3 KILLED 2 ALCOHOL 1 SEMI	22
23	24 1 TOTAL 1 KILLED 1 ALCOHOL	25 2 TOTAL 7 KILLED 1 ALCOHOL	26	27	28	29 3 TOTAL 3 KILLED
30 2 TOTAL 2 KILLED	31 1 TOTAL 1 KILLED 1 ALCOHOL					

	SUN
TOTAL FATAL CRASHES	19
PERSONS KILLED	19
ALCOHOL CRASHES	17
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	0
SEMI CRASHES	3

1990 WEST VIRGINIA CRASH DATA

ALCOHOL RELATED DRIVERS IN FATAL CRASHES BY TIME OF DAY



1990 WEST VIRGINIA CRASH DATA
ALCOHOL INVOLVEMENT IN FATAL CRASHES
BY DRIVER AGE

TABLE OF AGE BY ALCOHOL

AGE FREQUENCY PERCENT	ALCOHOL YES	NO	TOTAL
14 AND YOUNGER	0 0.00	2 0.34	2 0.34
15 TO 17	3 0.50	21 3.53	24 4.03
18 TO 20	14 2.35	47 7.90	61 10.25
21 TO 24	17 2.86	28 4.71	45 7.56
25 TO 34	58 9.75	117 19.66	175 29.41
35 TO 54	53 8.91	139 23.36	192 32.27
55 AND OLDER	5 0.84	91 15.29	96 16.13
TOTAL	150 25.21	445 74.79	595 100.00

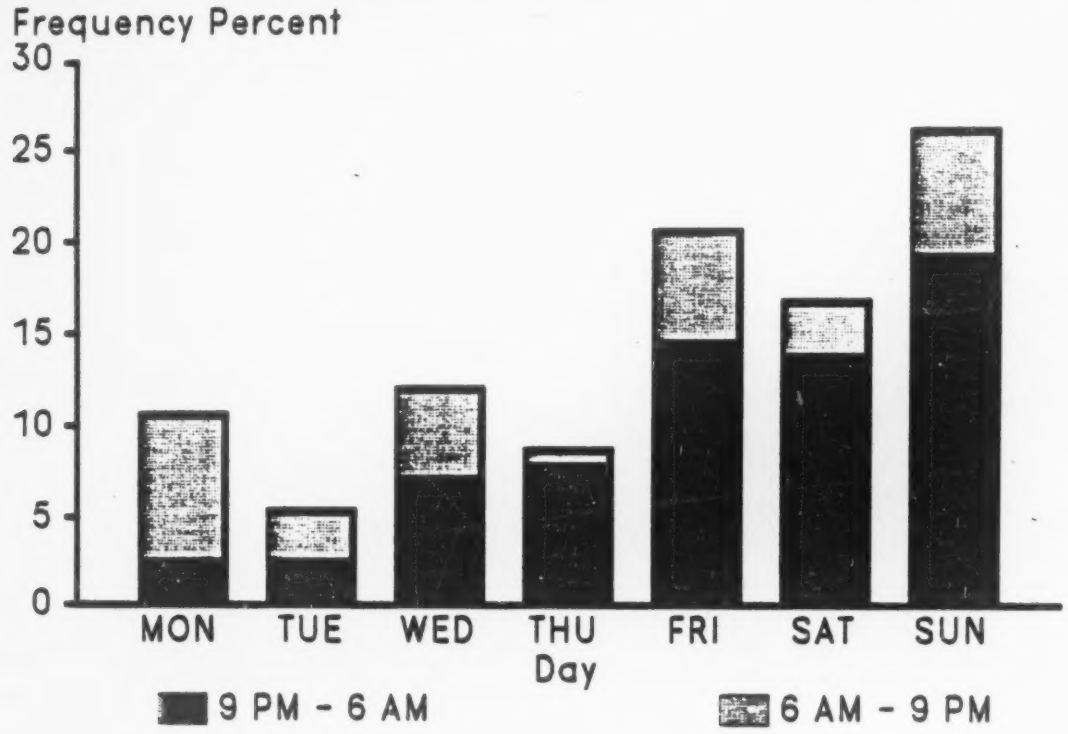
FREQUENCY MISSING = 31

ALCOHOL RELATED DRIVERS IN FATAL CRASHES
BY TIME OF DAY

TIME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MIDNIGHT - 3 AM	50	33.3	50	33.3
3 AM - 6 AM	16	10.7	66	44.0
6 AM - 9 AM	2	1.3	68	45.3
9 AM - NOON	2	1.3	70	46.7
NOON - 3 PM	7	4.7	77	51.3
3 PM - 6 PM	14	9.3	91	60.7
6 PM - 9 PM	22	14.7	113	75.3
9 PM - MIDNIGHT	37	24.7	150	100.0

1990 WEST VIRGINIA CRASH DATA

ALCOHOL RELATED DRIVERS IN FATAL CRASHES-TABLE OF DAY BY TIME



1990 WEST VIRGINIA CRASH DATA
ALCOHOL RELATED DRIVERS IN FATAL CRASHES
BY TIME

TABLE OF DAY BY TIME

DAY / TIME FREQUENCY PERCENT	9PM-6AM	6AM-9PM	TOTAL
MONDAY	4 2.67	12 8.00	16 10.67
TUESDAY	4 2.67	4 2.67	8 5.33
WEDNESDAY	11 7.33	7 4.67	18 12.00
THURSDAY	12 8.00	1 0.67	13 8.67
FRIDAY	22 14.67	9 6.00	31 20.67
SATURDAY	21 14.00	4 2.67	25 16.67
SUNDAY	29 19.33	10 6.67	39 26.00
TOTAL	103 68.67	47 31.33	150 100.00